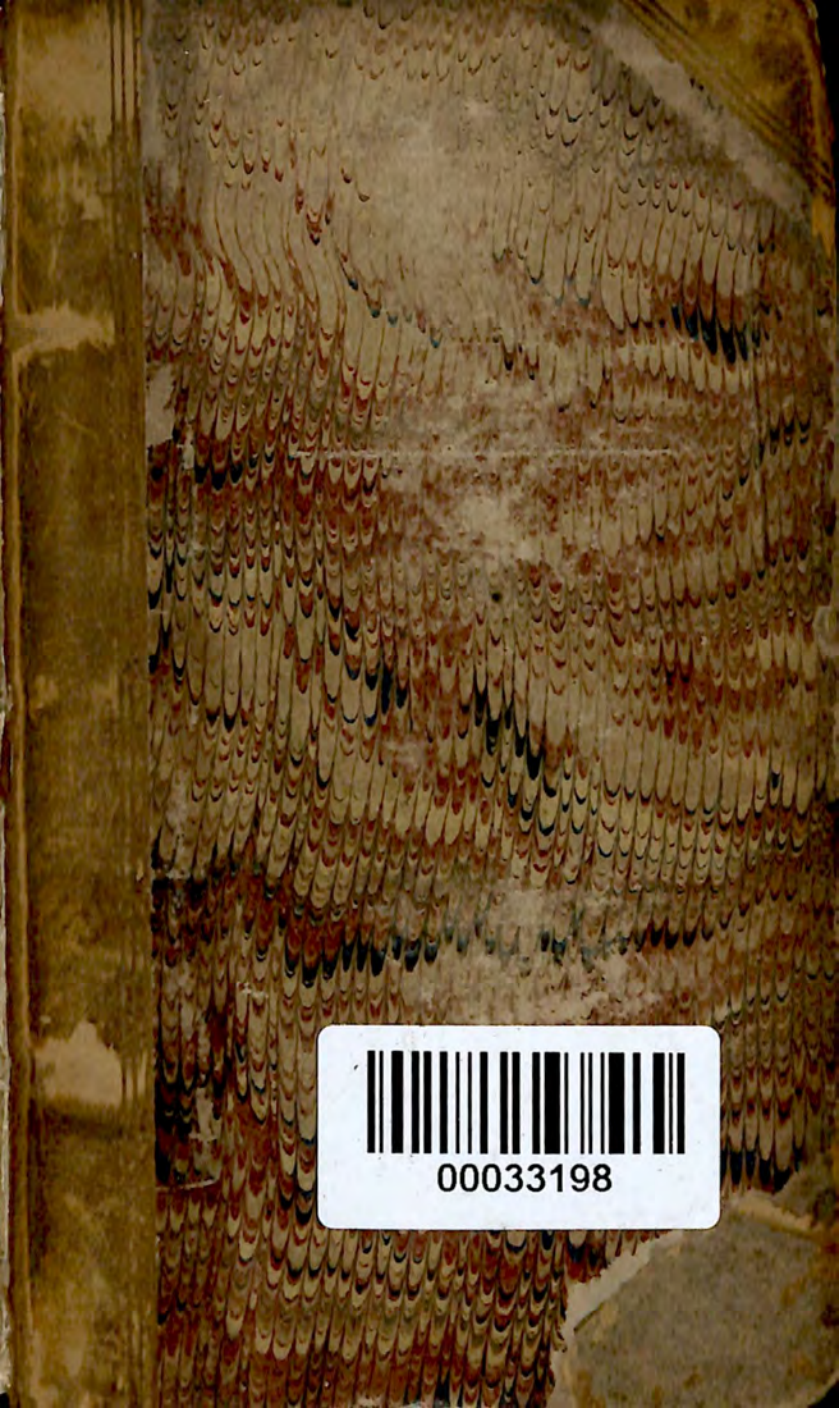
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BOMBAY BRANCH
OF THE
Royal Asiatic Society.
Class

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LIST

OF THE

SPECIMENS

OF

DIPTEROUS INSECTS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART VI.

SUPPLEMENT II.

PRINTED BY ORDER OF THE TRUSTEES.
LONDON, 1854.

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INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of the specimens of Dipterous Insects contained in the collection of the British Museum, indicating at the same time the peculiarities of each, as regards variations of character, locality, and the source from whence it has been derived. With this view, the different individuals of each species contained in the collection are indicated by the letters *a*, *b*, *c*, &c., following the name of the species and its synonymes, and the description, if it appeared to have been before undescribed.

The Catalogue of Dipterous Insects has been prepared and the new species described by Mr. FRANCIS WALKER, F.L.S., so well known for his attention to this order of Insects.

This part contains a revision of the family *Acroceridæ* and part of the family *Asilidæ*, with a description of the species added since the former parts were printed.

JOHN EDWARD GRAY.

British Museum,
December, 1854.

LIST OF DIPTERA.

SECOND SERIES.

PART II.

Fam. 4. ACROCERIDÆ.

Corpus latum, globosum. Caput oculis exceptis minimum. Ocelli tres. Antennæ triarticulatæ, brevissime stylatæ. Alæ latæ. Halteres alulis sæpissime obtectæ. Abdomen magnum, segmentis quinque. Pedes simplices.

Acroceridæ, *Leach, Samouelle's Compendium; Curt.; Steph.; Westw.*
Acrocerides, *Leach, Edinb. Encycl.*
Bombyliarii, p., *Lam.*
Aplocera, p., *Dumeril.*
Inflatæ, *Latr.; Wied.*
Inflata, *Meig.; Gimm.*
Stratiomydæ, p., *Fall.*
Vesiculosa, *Macq.*
Asiphoniæ, p., *Rafinesque.*
Cyrtites, *Newman.*
Ogcodini, *Rondani.*
Inflata (Henopii), *Agassiz.*
Acrocerinæ, *Zett.*
Henopii, *Erichson.*
Cyrtidii, *Bigot.*

A. Proboscis longa.
A. Antennæ triarticulatæ.
A. Antennæ vertice insertæ. - - - - 1. Panops.
B. Antennæ fronte insertæ.
a. Alarum costa non angulata. - - - 2. Lasia.
b. Alarum costa angulata. - - - 3. Pteropexus.
B. Antennæ biarticulatæ.
A. Antennæ vertice insertæ.
a. Vena subcostalis alæ dimidio longior. - 4. Cyrtus.
b. Vena subcostalis alæ dimidio brevior. - 5. Exetasis.
B. Antennæ fronte insertæ.
a. Prothoracis lobi dorsales remoti. - - 6. Psilodera.
b. Prothoracis lobi dorsales contigui.
i. Oculi sub antennis contigui. - - - 7. Thyllis.
ii. Oculi sub antennis divergentes. - - 8. Philopota.
B. Proboscis brevis. Alulæ maximæ.
A. Antennæ triarticulatæ.
A. Antennæ vertice insertæ.
a. Corpus vix villosum. - - - - - 9. Ocnæa.
b. Corpus valde villosum. - - - 10. Eriosoma.
B. Antennæ fronte inserta.
a. Antennæ articulis basalibus disjunctis. 11. Astomella.
b. Antennæ articulis basalibus connatis. - 12. Pialea.
C. Antennæ capitis basi insertæ. - - 13. Physegaster.
B. Antennæ biarticulatæ.
A. Arista nulla. - - - - - 14. Pterodontia.
B. Arista distincta.
a. Antennæ vertice insertæ. - - - 15. Acrocera.
b Antennæ fronte insertæ. - - - - 16. Terphis.
C. Proboscis nulla. Os clausum. - - - 17. Henops.
D. Proboscis brevis. Alulæ minimæ. - - 18. Sphærogaster.

Genus 1. PANOPS.

Oculi sub antennarum basi contigui. Ocelli tres. Proboscis longa. Antennæ triarticulatæ, vertice insertæ. Prothoracis lobi dorsales remoti.

Panops, *Lamarck*, *Ann. Mus. d'Hist. Nat.* iii. 263; *Latr. Encycl.* viii. 707; *Dict. d'Hist. Nat.* xxiv. 467; *Gen. Crust. et Ins.* iv. 316; *Oliv.*; *Wied.*; *Macq.*; *Erichs.*
Mesophysa, *Macq.*

1. Panops Baudini.

Niger; antennæ concolores; abdominis segmenta 2um et 3um macula utrinque laterali flavescente; femora tibiæque apice albida; alæ subinfuscatæ, venis nigris.

Panops Baudini, *Lam. Ann. Mus. d'Hist. Nat.* iii. 266, pl. 22, f. 3; *Latr. Gen. Crust. et Ins.* iv. 316; *Enc. Méth.* viii. 710, 1; *Dict. d'Hist. Nat.* xxiv. 467. *Wied. Auss. Zweifl.* ii. 19, 2. *Macq. Hist. Nat. Dipt.* i. 365, 2. *Erichs. Entomogr.* i. 141, 1.
Mesophysa marginata, *Macq. Dipt. Exot.* i. 2, 168, 2.

New Holland.

2. Panops flavipes.

Æneo-niger; ocelli tuberculo insertæ; antennæ basi, tibiæ tarsique flavida; alæ inauratæ, alulis albidis.

Panops flavipes, *Latr. Enc. Méth.* viii. 710, 2; *Dict. d'Hist. Nat.* xxiv. 467; *Cuv. Règn. Anim.* iii. *Wied. Auss. Zweifl.* ii. 649. *Erichs. Entomogr.* i. 141, 2.
Mesophysa scapularis, *Macq. Dipt. Exot.* i. 2, 167, 1.

New Holland.

Genus 2. LASIA.

Oculi villosi, super antennarum basim contigui. Ocelli tres. Proboscis longa. Antennæ triarticulatæ, fronte insertæ. Prothoracis lobi dorsales remoti.

Lasia, *Wied. Anal. Ent.* ii.; *Auss. Zweifl.* i. 329; *Perty; Erichs.; Westw.*
Panops, p., *Wied.; Macq.*

Subcostal vein ending at much before two-thirds of the length of the wing; mediastinal ending at a little beyond five-sixths of the length; radial ending at a little beyond the mediastinal; the two branches of the cubital curved forward from the hinder part of the wing, and ending at some distance in front of the tip: three externo-medial veins; first running very near the cubital, and connected with it at the fork of the latter, extending like the third to the border of the wing; second not extending to the border, connected with the first and with the second by two transverse veinlets; subanal vein joining the anal at some distance from the border of the wing.

1. Lasia flavitarsis.

Cyanea, cano hirta; proboscis, antennæ pedesque nigra; proboscis corpore longior; tarsi subtus rufo pubescentes; alæ subcinereæ, venis nigris.

Panops flavitarsis, *Wied.*; *Macq. Dipt. Exot.* i. 2, 166.
Lasia splendens, *Wied. Anal. Ent.* ii. f. 3; *Auss. Zweifl* i. 330, 1, pl. 4, f. 3. *Erichs. Entomogr.* 144, 4.
Lasia flavitarsis, *Erichs. Entomogr.* i. 143, 1.

a. Santarem, Brazil. From Mr. Bates' collection.
b, c. Rio Tapayos, Brazil. From Mr. Bates' collection.

2. Lasia corvina.

Nigra, nitida; thorax nigro hirtus; alæ hyalinæ, costa nigra; alulæ nigricantes.

Lasia corvina, *Erichs. Entomogr.* i. 143, 2.
Chili.

3. Lasia ocelligera.

Ænea; flavido hirta, proboscis testacea; antennæ nigræ, basi flavæ; tibiæ tarsique flavida; alæ hyalinæ, costa testacea.

Panops ocelliger, *Wied. Auss. Zweifl.* ii. 19, 3. *Macq. Dipt. Exot.* i. 2, 166, pl. 14, f. 1. *Guér. Icon. Règn. Anim. Ins.* pl. 94, f. 9.
Lasia ocelligera, *Erichs. Entomogr.* i. 143, pl. 94, f. 9.
Cassapawa, Brazil.

4. Lasia auricoma.

Cæruleo-viridis, nitida; thoracis dorsum cupreum; abdominis segmenta apicalia aureo pilosa; pedes nigri, tarsis luteis.

Lasia auricoma, *Westw. Trans. Ent. Soc. Lond.* v. 93.
Brazil.

5. LASIA RUFIPES.

Æneus; thorax et abdomen valde lutes pilosa, pedes alarumque venæ costales testacea.

Lasia rufipes, *Westw. Trans. Ent. Soc. Lond.* v. 9?.
Brazil.

Genus 3. PTEROPEXUS.

Frons linearis. Oculi villosi. Proboscis longa. Palpi brevissimi. Antennæ capitis antici medio insertæ, articulo 1o subconico, 2o cyathiformi, 3o longo angusto. Alarum costa apicem versus angulata.

Pteropexus, *Macq. Dipt. Exot. Suppl.* 1, 97.

Subcostal vein ending before half the length of the wing; mediastinal ending at much beyond three-fourths of the length. Radial ending at a little in front of the tip. Cubital simple, ending at a little behind the tip. First, second, and fourth externo-medial veins complete; third abbreviated. Subanal vein joining the anal near the border. Discal areolet elongate, tetragonal.

1. PTEROPEXUS BICOLOR.

Mas. *Viridis; facies antennæque nigræ; abdomen violaceum; pedes fulvi; alæ subfuscæ.*

Pteropexus bicolor, *Macq. Dipt. Exot. Suppl.* 1, 98, 1, pl. f. 2.
New Grenada.

Genus 4. CYRTUS.

Oculi pubescentes, sub antennarum basi contigui. Ocelli tres. Proboscis longa. Antennæ biarticulatæ, vertice insertæ. Prothoracis lobi dorsales remoti.

Cyrtus, *Latr. Precis* 151; *Meig.*; *Wied.*; *Macq.*; *Erichs.*
Acrocera, p., *Fabr. Syst. Antl.* 332.
Henops, p., *Illig. Käf. Preuss.* 500.

Costal vein ending at a little in front of the tip of the wing; subcostal vein ending at much beyond half the length; mediastinal ending at beyond five-sixths of the length; radial nearly straight, ending at a little beyond the mediastinal; first branch of the cubital ending in front of the tip of the wing; second branch ending at much behind the tip; three externo-medial veins extending to the border of the wing; subanal vein joining the anal at some distance from the border; discal areolet tetragonal, very long and narrow.

Europe.

1. CYRTUS GIBBUS.

Nigro flavoque varius; abdomen subtus flavum, trifariam nigro maculatum; pedes flavi; alæ fuscæ.

Acrocera gibba, *Fabr.*
Cyrtus acephalus, *Duméril, Cons. Gen. Ins.* pl. 48, f. 7.
Cyrtus gibbus, *Erichs. Entomogr.* 147, 1.

2. CYRTUS PUSILLUS.

Niger; thorax flavo maculatus; abdomen fasciis latis sinuatis interruptis flavis, subtus flavum trifariam nigro maculatum; pedes flavi; alæ fuscæ.

Cyrtus pusillus, *Macq. Hist. Nat. Dipt.* i. 366, 2. *Meig. Zweifl.* vii. 101, 2. *Erichs. Entomogr.* 148, 2.
Cyrtus gibbus, Var.?
South France.

North America.

3. CYRTUS MAGNUS.

Cyrtus magnus, *Cat. of Diptera*, Pt. 3, 511.

Africa.

4. CYRTUS DENTATUS.

Fœm. *Niger; thoracis latera flavo maculata; abdomen fasciis interruptis emarginatisque flavis; pedes flavi; alæ fuscanæ.*

Cyrtus dentatus, *Macq. Dipt. Exot.* i. 2, 168, t, pl. 14, f. 3. *Erichs. Entomogr.* 148, 3.
Cyrtus giblus, Var.?
Algiers.

Genus 5. EXETASIS.

Antennæ triarticulatæ, capite paullo longiores; articulus 1us brevis, 2us adhuc brevior; 3us longissimus, linearis.

Exetasis, *Diptera Saundersiana*, Pt. 3, 202.

Subcostal vein ending before half the length of the wing; radial ending at beyond three-fourths of the length; cubital forked near its base, the first fork ending a little before, and the second a little behind, the tip of the wing; first, second and fourth externo-medial veins complete; third abbreviated; subanal and anal veins united on the border.

1. EXETASIS TUMENS.

Exetasis tumens, *Diptera Saundersiana*, Pt. 3, 203.
Brazil.

Genus 6. PSILODERA.

Oculi glabri, super antennarum basim contigui. Ocelli tres, minimi. Proboscis longa. Antennæ biarticulatæ, fronte insertæ. Prothoracis lobi dorsales remoti.

Psilodera, *G. R. Gray, Griff. Anim. Kingd. Ins.* xv. 779; *Erichs.*
Cyrtus, p., *Wied.*
Mesocera, *Macq.*

Wings transversely rugulose: subcostal vein ending at a little beyond half the length of the wing; mediastinal ending at beyond five-sixths of the length; radial curved towards the disk, ending at a little beyond the mediastinal; branches of the cubital curved towards the hind border, and ending at a little in front of the tip of the wing: three externo-medial veins; subanal vein joining the anal at some distance from the border.

1. Psilodera valida.

Ænea; thorax flavido hirtus, humeris, lateribus punctisque duobus ante scutellum sulphureis; abdomen rufum, incisuris flavis; pedes sulphurei, tibiis anticis apice subtus nigris; alæ hyalinæ.

Cyrtus validus, *Wied. Auss. Zweifl.* ii. 131.
Mesocera flavicornis, *Macq. Dipt. Exot.* i. 2, 174, 1.
Psilodera valida, *Erichs. Entomogr.* 145, 1.
South Africa.

2. Psilodera bipunctata.

Nigra; thorax humeris, lateribus punctisque binis ante scutellum sulphureis; abdomen ferruginosum, sulphureo fasciatum; alæ limpidæ.

Cyrtus bipunctatus, *Wied. Zool. Mag.* iii. 15, 20; *Auss. Zweifl.* ii. 14, 3, pl. 7, f. 1.
Psilodera bipunctata, *Erichs. Entomogr.* 145, 2.
Cape.

3. Psilodera fasciata.

Nigra; thorax cinereo hirtus; abdomen albido fasciatum; pedes sulphurei; alæ flavescentes.

Cyrtus fasciatus, *Wied. Zool. Mag.* iii. 14, 19; *Auss. Zweifl.* ii. 14, 2.
Psilodera capensis, *G. R. Gray, Griff. Anim. Kingd. Ins.* xv. 779, pl. 128, f. 4. *Westw. Trans. Ent. Soc. Lond.* v. 92.
Psilodera fasciata, *Erichs. Entomogr.* 146, 3.

4. Psilodera affinis.

Lutea; thorax plaga lata dorsali antice subito angustata ænea; abdomen supra saturate fusco testaceum, villosum, segmentis 1o ad 3um macula media nigra ad basim haud dilatata.

Psilodera affinis, *Westw. Trans. Ent. Soc. Lond.* v. 92.
Cape.

Genus 7. THYLLIS.

Oculi pubescentes, super et sub antennarum basi contigui. Ocelli tres. Proboscis longa. Antennæ biarticulatæ, fronte insertæ. Prothoracis lobi dorsales contigui.

Thyllis, *Erichs. Entomogr.* i. 149.
Acrocera, p., *Fabr.*
Cyrtus, p., *Wied.*

Subcostal vein ending at much beyond half the length of the wing; mediastinal ending at about three-fourths of the length; radial ending at about five-sixths of the length; first branch of the cubital obsolete; second ending at a little behind the tip of the wing; first and second externo-medial veins complete; third abbreviated; subanal and anal veins united near the border, to which they do not extend; discal areolet elongated, subtetragonal.

1. Thyllis crassus.

Nigra, rufo varia; prothoracis margo anticus, mesothoracis vitta lateralis flexuosa, abdominisque fasciæ interruptæ flava; alæ ad costam fuscæ.

Acrocera crassa, *Fabr. Syst. Antl.* 332, 2.
Cyrtus crassus, *Wied. Auss. Zweifl.* ii. 15, 4.
Thyllis crassa, *Erichs. Entomogr.* i. 150, 1.

Cape.

2. Thyllis turgida.

Nigra, rufo varia; prothoracis margo anticus et posticus, mesothoracisque vitta lateralis flava; alæ fusco hyalinæ, ad costam fuscæ.

Thyllis turgida, *Erichs. Entomogr.* i. 150, 2.

Cape.

3. Thyllis obesa.

Nigra; prothoracis margo anticus et posticus, mesothoracis vittæ 2 marginales, scutellum et segmentorum abdominalium margines postici flava; alæ hyalinæ, ad costam fuscæ.

Thyllis obesa, *Erichs. Entomogr.* i. 151, 3.

Cape.

4. THYLLIS COMPRESSA.

Nigra; thorax compressus, utrinque vitta maculisque posticis ferrugineis; abdomen oblongum, ferrugineum, segmentis macula basali biloba nigra.

Thyllis compressa, *Erichs. Entomogr.* 151, 4.

Cape.

Genus 8. PHILOPOTA.

Oculi subpubescentes, super antennarum basim contigui. Ocelli tres. Proboscis longa. Antennæ biarticulatæ, fronte insertæ. Prothoracis lobi dorsales contigui.

Philopota, *Wied. Auss. Zweifl.* ii. 17; *Westw.; Macq.; Erichs.*

Subcostal vein ending at much beyond half the length of the wing; mediastinal ending at much beyond the subcostal; radial ending at about seven-eighths of the length; branches of the cubital vein, externo-medial veins and subanal vein not extending to the border.

South America.

1. PHILOPOTA CONIÇA.

Nigra; thoracis limbus, abdominis margines lineæque transversæ flava; tibiæ flavæ, anteriores nigro vittatæ; alæ rufo-fuscæ.

Philopota conica, *Wied. Auss. Zweifl.* ii. 17, 1, pl. 9, f. 1. *Macq. Hist. Nat. Dipt.* i. 366, 1; *Dipt. Exot.* ii. 171, 1, pl. 14, f. 4. *Westw. Trans. Ent. Soc. Lond.* v. 94. *Erichs. Entomogr.* i. 154, 4.

Brazil.

2. PHILOPOTA MACULICOLLIS.

Nigro-picea; facies angusta, inter oculos albida; proboscis flava, apice fusca; prothorax dorsi angulis posticis productis, apice extremo ferrugineo; mesothorax punctis duobus minutis anticis alterisque duobus cuneatis supra basim alarum ferrugineis; abdomen piceo-nigrum, margine laterali tenui subtus pallide flavo; femora nigra, basi rufa, apice luteo-fusca; tibiæ posticæ extus pallide flavæ; alæ infumatæ, dimidio postico pallidiore.

Philopota maculicollis, *Westw. Lond. and Edin. Phil. Mag.* 1835. *Trans. Ent. Soc. Lond.* v. 93.
Philopota vidua, *Erichs. Entomogr.* i. 153, 1.
Brazil.

3. Philopota liturata.

Fusco-nigra ; prothoracis margo anticus et posticus, mesothoracis utringue linea flexuosa flava ; alæ fusco hyalinæ ; abdomen subopacum punctatissimum.

Philopota liturata, *Westw. Trans. Ent. Soc. Lond.* v. 94.
Philopota ovata, *Mas.?*
Brazil.

4. Philopota ovata.

Fusca, punctatissima ; thorax et abdomen basi lineis flavis notata ; alæ fusco hyalinæ, costa late fusca.

Philopota ovata, *Westw. Trans. Ent. Soc. Lond.* v. 95.
a. Rio Tapayos, Brazil. From Mr. Bates' collection.

5. Philopota tuberculata.

Nigra, luteo villosa ; mesothorax postice bituberculatus ; alæ fusco hyalinæ, dimidio antico fusco, abdomen basi utringue luteum.

Philopota tuberculata, *Westw. Trans. Ent. Soc. Lond.* v. 95.
Brazil.

6. Philopota histrio.

Æneo-nigra ; prothoracis flavi latera vitta tenui nigra ad basim alarum extensa et cum margine tenui antico nigro mesothoracis litteram M *formante ; coxæ anticæ flavæ.*

Philopota histrio, *Erichs. Entomogr.* i. 153, 2. *Westw. Trans. Ent. Soc. Lond.* v. 96.
Brazil.

7. PHILOPOTA TURBINATA.

Fusca, cinereo sericans; thoracis lituræ et maculæ abdominisque margo lateralis dentatus flava; pedes genubus omnibus tibiisque posticis extus sulphureis; alæ fusco hyalinæ, antice saturatius infuscatæ; halteres albidi.

Philopota turbinata, *Erichs. Entomogr.* i. 154, 8.
Brazil.

8. PHILOPOTA SOBRIA.

Philopota sobria, *Diptera Saundersiana*, Pt. 3, 195.
South America.

9. PHILOPOTA TEMPERATA.

Philopota temperata, *Diptera Saundersiana*, Pt. 3, 196.
South America.

Asia.

10. PHILOPOTA MURINA.

Mas et Fœm. *Cinerea; abdominis margo lateralis pedesque pallidi; alæ fuscescentes.*

Philopota murina, *Loew, Stett. Ent. Zeit.* v. 163, 1, pl. 2, f. 17.
Asia Minor. Isle of Stanchio.

Genus 9. OCNÆA.

Oculi villosi, sub antennis approximati. Ocelli tres. Proboscis brevis. Antennæ triarticulatæ, vertice insertæ. Prothoracis lobi dorsales remoti.

Eriosoma, *Macq. Dipt. Exot.* i. 2, 172.
Ocnæa, *Erichs. Entomogr.* i. 155.
Acrocera, p., *Wied.*

Subcostal vein ending at about two-thirds of the length of the wing; mediastinal ending at about five-sixths of the length; radial ending at a little in front of the tip; cubital simple: four externo-medial veins, first and third abbreviated; subanal vein united to the anal on the border; discal areolet long, narrow, pentagonal.

1. OCNÆA MICANS.

Fusca ; thorax pube cinerea micante vestitus ; abdominis segmenta 2um et 3um testacea ; alæ fuscescente hyalinæ.

Ocnæa micans, *Erichs. Entomogr.* i. 155, 1.
Mexico.

2. OCNÆA LONGICORNIS.

Nigra, nitida ; thorax fusco villosus ; abdomen testaceum, maculis trigonis dorsalibus nigris ; alæ fuscescente hyalinæ, ante apicem nigræ.

Ocnæa longicornis, *Erichs. Entomogr.* i. 156, 2, pl. 1, f. 8.
Brazil.

Genus 10. ERIOSOMA.

Corpus villosum. Proboscis brevis.

Eriosoma, *Macq. Dipt. Exot.* i. 2, 172.
Acrocera, p., *Wied.*
Ocnæa, p., *Erichs.*

Subcostal vein ending at beyond half the length of the wing ; mediastinal ending at about two-thirds of the length ; radial ending at about five-sixths of the length ; cubital simple, united near the border with the first externo-medial ; second externo-medial incomplete ; third and fourth united near the border of the wing ; subanal and anal united very near the border ; discal areolet elongate, hexagonal.

1. ERIOSOMA CALIDA.

Lutea ; pedes fusci ; alæ hyalinæ, alulis eburneis, fusco limbatis.

Acrocera calida, *Wied. Auss. Zweifl.* ii. 16, 1, pl. 7, f. 2.
Eriosoma calida, *Macq. Dipt. Exot.* i. 2, 173, 1, pl. 14, f. 5.
Ocnæa calida, *Erichs. Entomogr.* i. 157, 3.
Brazil.

Genus 11. ASTOMELLA.

Caput humile, parvum, globosum. Oculi pilosuli, super antennas contigui. Ocelli obsoleti. Proboscis brevis. Antennæ approximatæ, fronte insertæ, capite longiores, triarticulatæ; articuli 1us et 2us æquales, rotundati, breves; 3us oblongus, valde compressus, apice obtusus, 2o quadruplo longior. Thorax altus, convexus. Prothoracis lobi dorsales remoti. Abdomen oblongum, vesiculosum. Pedes sat longi et validi. Alæ corpore breviores, apice rotundatæ. Alulæ magnæ, villosæ, diaphanæ margine calloso.

Astomella, *Leon Duf. Ann. Sci. Nat.* xxx. 210; *Erichs. Entomogr.* i. 157.

1. Astomella aurea.

Nigra, fulvo villosa; abdomen globosum, testaceum, maculis magnis dorsalibus nigris; pedes testacei; alæ corpore haud breviores.

Astomella aurea, *Erichs. Entomogr.* i. 158, 1.

Portugal.

2. Astomella gravis.

Nigra, luteo villosa; abdomen oblongum, incurvum, testaceum, maculis dorsalibus apiceque nigris; pedes testacei; alæ corpore multo breviores.

Astomella gravis, *Erichs. Entomogr.* i. 158, 2.

Syria.

3. Astomella clavicornis.

Nigra, cinereo villosa; abdomen incurvum, testaceum, segmentis basi macula magna dorsali transversa nigra; pedes testacei, posteriores tibiis tarsisque nigris; alæ hyalinæ, corpore breviores, venis duabus costalibus nigris.

Astomella clavicornis, *Latr. Cons. Gén.* 443; *Dict. d'Hist. Nat.* iii. 33.

Astomella marginata, *Latr. Cons. Gén.* 443; *Nouv. Dict. d'Hist. Nat. Meig. Zweifl.* vii. 103, 1.

Astomella curviventris, *Dufour, Ann. Sci. Nat.* xxx. 210. *Erichs. Entomogr.* i. 159, 3.

Spain, near Madrid.

4. ASTOMELLA LINDENII.

Nigra, luteo villosa ; abdomen testaceum, segmentis quatuor primis dorso nigro maculatis ; pedes testacei ; alæ abdomine breviores.

Astomella Vaxelii, *Vanderlinden, Bull. Soc. Philomat.* 1822 ; *Dict. Class. Hist. Nat. Art. Astomella. Macq. Hist. Nat. Dipt.* i. 367, 2.
Astomella Lindenii, *Erichs. Entomogr.* i. 159, 4.
Italy.

Genus 12. PIALEA.

Oculi hirti, remoti. Ocelli duo. Proboscis brevis. Antennæ triarticulatæ, fronte insertæ, basi connatæ. Prothoracis lobi dorsales remoti.

Pialea, *Erichs. Entomogr.* i. 160.

Subcostal vein ending at beyond half the length of the wing ; mediastinal extending far beyond the subcostal ; radial ending at far in front of the tip of the wing ; cubital including the tip of the wing between its forks ; two incomplete externo-medial veins ; subanal vein nearly reaching the border ; anal vein much abbreviated ; discal areolet long, narrow, tetragonal.

1. PIALEA LOMATA.

Nigra, cinereo pubescens ; abdominis limbus apicalis testaceus ; pedes fusci, femoribus basi pallidis, tibiis posticis basi pallidis infra medium incrassatis, tarsorum articulis 2o, 3o, 4o totis, 5o basi testaceis ; alæ fusco hyalinæ ; halteres fusci.

Pialea lomata, *Erichs. Entomogr.* i. 161, 1, pl. 1, f. 9.
Brazil.

Genus 13. PHYSEGASTER.

Oculi villosi. Ocelli duo distincti. Proboscis brevis, occulta ; antennæ triarticulatæ, capitis basi insertæ ; articuli 1us et 2us brevis ; 3us elongatus ; arista nulla. Thorax villosus. Abdomen fere nudum. Pedes nudi ; tibiæ apice subcalcaratæ.

Subcostal vein ending at much beyond half the length of the wing; mediastinal ending at a little beyond the subcostal; radial ending at some distance in front of the tip of the wing; cubital simple; first externo-medial complete; second and third abbreviated; subanal vein united to the anal at some distance from the border; discal areolet tetragonal, very long and narrow.

Physegaster, *Macq. Exped. de l'Alg.* iii. *Ins.* 445.

1. PHYSEGASTER MACULATUS.

Niger; antennarum articulus 3us ad basim testaceus; thorax fulvo pilosus; abdomen flavo fulvescens, maculis trigonis flavis; pedes flavi, coxis tarsisque rufescentibus.

Physegaster maculatus, *Macq. Exped. Alg.* iii. *Ins.* 445, 88, pl. 3, f. 6.

Algeria.

Genus 14. PTERODONTIA.

Corpus villosum. Oculi hirti, contigui. Ocelli tres. Proboscis brevis. Antennæ biarticulatæ, facie insertæ. Prothoracis lobi dorsales remoti. Alæ costa dilatata.

Pterodontia, *G. R. Gray, Griff. Anim. Kingd.* xv. 779; *Macq.; Erichs.; Westw.*

Henops? p., *Klug.; Meig.*

Costa forming a tooth between the tips of the subcostal and mediastinal veins; costal vein ending at a little in front of the tip of the wing; subcostal ending at a little beyond half the length; mediastinal ending at beyond two-thirds of the length; radial ending at a little beyond the mediastinal; cubital not forked, ending at far in front of the tip of the wing; one externo-medial vein extending to the border; subanal and anal veins united near the border.

1. PTERODONTIA FLAVIPES.

Nigra; scutellum et abdomen basi ad dorsum nigro maculata; abdomen testaceum; pedes pallidi, femoribus posterioribus nigris.

Pterodontia flavipes, *G. R. Gray.*

Georgia.

2. PTERODONTIA ANALIS.

Nigra; abdominis segmenta apicalia fulva, alulæ margine nigricantes; alæ hyalinæ, venis albidis; pedes pallidi.

Pterodontia analis, *Westw. Trans. Ent. Soc. Lond.* v. 97.
Georgia.

The five following species may probably be removed from this genus.

3. PTERODONTIA WAXELII.

Nigra; abdomen testaceum, vitta dorsali abbreviata punctoque posteriore nigris; pedes testacei, femoribus posterioribus nigris; alæ hyalinæ, basim versus flavescentes, costa pallide testacea.

Henops Waxelii, *Klug, Mag. der Naturf. Gesellsch. zu Berl.* i. 265, pl. 7, f. 6. *Meig. Zweifl.* iii. 101, 5.
Pterodontia Waxelii, *Erichs. Entomogr.* i. 162, 1.
Astomella?
Achtiar, Black Sea.

4. PTERODONTIA ANALIS. (Nomen bis lectum.)

Mas. *Nigra; abdomen postice fulvum, punctis dorsalibus nigris; pedes fulvi, femoribus posterioribus nigris, tarsis flavis; alæ subflavescentes, macula costali subfusca.*

Pterodontia analis, *Macq. Dipt. Exot. Suppl.* 1, 98, 1, pl. 9, f. 4.
New Grenada. Temperate Region.

5. PTERODONTIA VIRMONDII.

Nigra, nigro villosa; abdomen testaceum, basi maculisque dorsalibus et lateralibus nigris; pedes testacei, posteriores basi nigri; alæ hyalinæ, costa flavescente testacea.

Pterodontia Virmondii, *Erichs. Entomogr.* i. 163, 3.
Brazil.

6. Pterodontia Mellii.

Nigra; abdomen testaceum, basi vittaque dorsali integra nigris; pedes antici testacei basi nigri, posteriores nigri tarsis testaceis; alæ hyalinæ, costa testacea.

Pterodontia Mellii, *Erichs. Entomogr.* i. 163, 2.

Liverpool Plains, New Holland.

7. Pterodontia Macquartii.

Atra; scutellum abdominisque latera rufa; pedes flavi, femoribus anticis nigris.

Pterodontia Macquartii, *Westw. Trans. Ent. Soc. Lond.* v. 97.
Pterodontia flavipes, *Macq. Dipt. Exot.* i. 2, 175.
Pterodontia Mellii, Var.?

New Holland.

Genus 15. ACROCERA.

Corpus minoris magnitudinis, subglobosum, gibbum, breviter pubescens, nigricans. Oculi glabri, sub antennis contigui. Ocelli tres. Proboscis brevis. Antennæ biarticulatæ, vertice insertæ. Prothoracis lobi dorsales remoti. Alarum vena subapicalis furcata.

Acrocera, *Meig. Illig. Mag.; Klass.* 147; *Latr.; Macq.; Zett.; Erichs.*
Syrphus, p., *Fabr. Ent. Syst.; Panz.*
Henops, p., *Fabr. Syst. Antl.; Meig. Klass.; Zett.*

Costal vein ending at a little in front of the tip of the wing; subcostal ending at beyond half the length; mediastinal ending at a little beyond the subcostal; radial ending at about four-fifths of the length; first branch of the cubital ending at a little in front of the tip of the wing; second branch ending at much behind the tip; one externo-medial vein reaching the border; anal not united to the subanal.

Europe.

1. Acrocera sanguinea.

Nigra; alæ subcinereæ. Mas.—*Thorax testaceo quadrivittatus; abdomen supra testaceum, e maculis transversis nigris trivittatum; pedes testacei.* Fœm.—*Abdomen supra rufum, maculis nigris trivittatum; pedes picei, genubus fulvis.*

Acrocera sanguinea, *Latr.; Erichs. Entomogr.* i. 167, 5.

2. Acrocera nigrofemorata.

Nigra; abdomen testaceum, punctis dorsalibus nigris; pedes rufo testacei, femoribus nigris; alæ fuscescentes.

Acrocera nigrofemorata, *Meig. Klass.* 148, 4; *Zweifl.* iii. 95, 2, pl. 24, f. 10. *Erichs. Entomogr.* i. 167, 6.
Acrocera sanguinea, Var.?

3. Acrocera globulus.

Mas.—*Nigra; antennæ fulvæ, apice nigræ; thoracis latera flavo maculata et fasciata, scutellum flavum; abdomen luteum, basi nigro fasciatum, lateribus nigro maculatis; pedes flavi; alæ limpidæ.* Fœm.—*Nigra; thoracis latera flavo maculata et fasciata; abdomen fulvum, apice flavo fasciatum; pedes fulvi.*

Acrocera globulus, *Latr.; Zett. Dipt. Scand.* i. 229, 1. *Erichs. Entomogr.* i. 165, 1. *Gimm. Bull. Soc. Imp. Nat. Mosc.* 1847, xx. 3, 166, 1.
Acrocera albipes, *Meig.*

4. Acrocera orbiculus.

Nigra; abdomen fuscum, segmento 2o 3oque maculis duabus, reliquis totis albidis; pedes albidi; alæ hyalinæ; halteres albi.

Syrphus orbiculus, *Fabr. Ent. Syst.* iv. 311, 122.
Henops orbiculus, *Fabr. Syst. Antl.* 334, 2. *Meig. Klass.* i. 152, *a.*

Acrocera orbiculus, *Meig. Zweifl.* iii. 97, 5. *Macq. Dipt. Nord. Asil.* 92, 1; *Hist. Nat. Dipt.* i. 370, 3. *Erichs. Entomogr.* i. 165, 2.

Ogcodes pubescens? *Latr. Hist. Nat. Ins.* xiv. 315, 2.

Hartz District, Germany.

5. ACROCERA TUMIDA.

Nigra, nitida; abdomen aurantiacum, segmentis 2o 3oque nigris aurantiaco maculatis, 4o nigro maculato; pedes testacei, genubus tarsisque albidis; alæ hyalinæ; halteres albi.

Acrocera tumida, *Erichs. Entomogr.* i. 166, 3.

Germany?

6. ACROCERA BOREALIS.

Nigra; thorax macula humerali parva et alia juxta scutellum utrinque valde obsoleta, albidis; pedes pallidi, tarsis apice fuscis; alæ hyalinæ.

Acrocera borealis, *Zett. Ins. Lapp.* 573, 1; *Dipt. Scand.* i. 230, 2. *Erichs. Entomogr.* i. 167, 7.

Lapland.

7. ACROCERA TRIGRAMMA.

Pallide flavescens; thorax vittis tribus, abdomen macularum serie triplici nigris.

Acrocera trigramma, *Loew, Ent. Zeit. Stett.* 1845, 290.

Sicily.

North America.

8. ACROCERA FASCIATA.

Nigra; abdomen flavum, fasciis tribus nigris, anterioribus utrinque connexis; pedes albidi.

Acrocera fasciata, *Wied. Auss. Zweifl.* ii. 16, 2. *Erichs. Entomogr.* i. 166, 4.

Georgia.

9. ACROCERA NIGRINA.

Nigra, nitida, tenuissime punctata; alæ fusco pallide tinctæ, venis piceis distinctis, alulis fusco marginatis; abdomen punctis duobus minutis ad segmenti penultimi marginem posticum margineque tenui segmenti ultimi albidis; pedes obscure luteo-albidi, femoribus tibiisque in medio obscurioribus.

Acrocera nigrina, *Westw.*

Georgia.

10. ACROCERA BULLA.

Nigra; alæ hyalinæ, costa venisque fuscis; abdomen albidum basi (in medio dentata) fascia ad segmenti 2i basim, maculaque media ad 3i basim anoque nigris; pedes albidi, unguibus nigris.

Acrocera bulla, *Westw.*

New York.

11. ACROCERA SUBFASCIATA.

Nigra; thorax utrinque maculis duabus cuneiformibus fulvis; abdomen fuscum, segmento 1o ad apicem maculis duabus transversis fasciaque apicali utrinque abbreviata luteis, sequentibus luteo marginatis.

Acrocera subfasciata, *Westw.*

New York.

12. ACROCERA UNGUICULATA.

Nigra; alarum venæ fere obsoletæ; abdomen fulvum, basi maculisque nigris; pedes albi, unguibus nigris.

Acrocera unguiculata, *Westw.*

Georgia.

13. ACROCERA FUMIPENNIS.

Nigra, nitida; alæ hyalinæ, basim versus fusco infumatæ, venis basim versus obscuris ad apices tamen fere obliteratis, alulis fuscis; pedes albidi.

Acrocera fumipennis, *Westw.*
Georgia.

Country unknown.

14. ACROCERA BICOLOR.

Mas. *Nigra; abdomen testaceum, basi nigrum; pedes flavi; alæ hyalinæ.*

Acrocera bicolor, *Macq. Dipt. Exot. Suppl.* 1, 99, 1.

Genus 16. TERPHIS.

Oculi glabri, super et sub antennarum basi contigui. Ocelli duo. Proboscis brevis. Antennæ biarticulatæ, fronte inferiore insertæ. Prothoracis lobi dorsales contigui.

Terphis, *Erichs. Entomogr.* i. 168.

Subcostal vein ending at much beyond half the length of the wing; mediastinal ending at a little before three-fourths of the length; radial ending at before five-sixths of the length: first branch of the cubital obsolete, second ending at behind the tip of the wing; two externo-medial veins and subanal vein complete; discal areolet elongated, subpentagonal.

1. TERPHIS NODOSA.

Fusca, nigro varia, albo maculata; abdominis dorsum biseriatim tuberculatum; pedes testacei, albo varii, basi nigri; alæ hyalinæ, venis halteribusque albidis.

Terphis nodosa, *Erichs. Entomogr.* i. 169, 1, pl. 1, f. 10.
Brazil.

Genus 17. HENOPS.

Corpus minoris magnitudinis, subglobosum, gibbum, breviter pubescens, nigricans. Oculi glabri, super antennarum basim contigui. Ocelli duo. Proboscis nulla. Antennæ biarticulatæ facie insertæ. Prothoracis lobi dorsales remoti.

Henops, *Illig. Mag.* (1798); *Meig.*; *Fabr.*; *Fall.*; *Zett.*
Musca, p., *Linn.*
Syrphus, p., *Panz.*
Ogcodes, p., *Latr. Précis.* 154.
Ogcodes, p., *Macq.*; *Erichs.*; *Gimm.*
Oncodes, *Erichs.*

Subcostal ending at much beyond half the length of the wing; mediastinal ending at a little beyond the subcostal; radial ending at about five-sixths of the length; cubital simple, ending at some distance behind the tip of the wing; one externo-medial extending to the border; subanal distinct.

Europe.

1. HENOPS GIBBOSUS

Nigro-fuscus; antennæ nigræ; thoracis latera fulvo maculata et fasciata; abdomen fuscum, segmentorum marginibus posticis ventrequæ flavis; pedes fulvi, femoribus nonnunquam nigris; alæ limpidæ.

Musca gibbosa, *Linn.*
Henops gibbosus, *Fabr. Zett. Dipt. Scand.* i. 231, 1.
Ogcodes gibbosus, *Latr. Guér. Icon. Règn. Anim.* pl. 94, f. 10. *Macq. Hist. Nat. Dipt.* i. 368, 1; *Exped. Scient. Alg. Ins.* 446, 89. *Erichs. Entomogr.* i. 170. 1. *Gimm. Bull. Soc. Imp. Nat. Mosc.* xx. 3, 167, 1.

Europe. North Africa.

2. HENOPS ZONATUS.

Niger; abdomen album, segmentis basi nigris; pedes testacei, femoribus basi, tibiis medio tarsisque fuscis; alæ hyalinæ; halteres testacei, apice nigri.

Ogcodes gibbosus, *Latr. Encycl.* viii. 471, 1; *Hist. Nat. Cr. et Ins.* xiv. 315, 1, pl. 109, f. 10.

Ogcodes zonatus, *Erichs. Entomogr.* i. 170, 2.
Henops gibbosus, Var.?
Germany.

3. Henops cingulatus.

Niger; abdomen supra nigro-piceum segmentis singulis albo marginatis, subtus album; pedes testacei, femoribus nigris; alæ hyalinæ; halteres apice albi.

Ogcodes cingulatus, *Erichs. Entomogr.* i. 171, 3.
Henops gibbosus, Var.?
Germany.

4. Henops pallipes.

Niger; abdomen supra piceum, segmentis singulis albo marginatis, subtus album; pedes testacei; alæ hyalinæ; halteres apice picei.

Henops marginatus, *Zett. Dipt. Scand.* i. 231, 2.
Henops gibbosus, *Meig. Klass.* 151, 1. *Fall. Strat.* 3, 2.
Ogcodes pallipes, *Latr. Encycl.* viii. 471, 3. *Macq. Dipt. Nord. Asil.* 95, 3. *Erichs. Entomogr.* i. 172, 4. *Gimm. Bull. Soc. Imp. Nat. Mosc.* xx. 3, 167, 2.
Henops pallipes, *Meig. Zweifl.* vii. 102, 9.
Ogcodes marginatus, *Macq. Dipt. Nord. Asil.* 94, 2.
Henops gibbosus, Var.?

5. Henops fuliginosus.

Niger; abdomen supra piceum, segmentis albido marginatis; pedes testacei, femoribus nigris; alæ fuliginosæ.

Ogcodes fuliginosus, *Erichs. Entomogr.* i. 172, 5.
Germany. Sicily.

6. Henops varius.

Niger; abdomen testaceum, segmentis apice albo marginatis, basi nigro maculatis; pedes testacei, basi nigri; alæ basi fuliginosæ, apice hyalinæ.

Ogcodes varius, *Latr. Encycl. Méth.* viii. 471, 4. *Macq. Dipt. Nord. Asil.* 95, 4. *Erichs. Entomogr.* i. 173, 6.
Henops limbatus, *Meig. Zweifl.* iii. 100, 3.
Henops varius, *Meig. Zweifl.* vii. 101, 1.

Germany.

7. HENOPS APICALIS.

Niger; abdominis incisuræ flavæ; pedes testacei; alæ hyalinæ, margine antica apiceque fuscis.

Henops apicalis, *Meig. Zweifl.* iii. 101, 4.

Germany.

8. HENOPS NIGRIPES.

Niger; thorax cinereo pubescens; abdomen incisuris albis; pedes nigri vel nigro-picei; alulæ albæ, nigro marginatæ.

Henops nigripes, *Zett. Ins. Lapp.* 574, 1; *Dipt. Scand.* i. 232, 3.
Ogcodes nigripes, *Erichs. Entomogr.* i. 174, 4.

Lapland.

Asia.

9. HENOPS COSTALIS.

Henops costalis, *Diptera Saundersiana*, Pt. 3, 202.

East Indies.

Australia.

10. HENOPS BASALIS.

Henops basalis, *Diptera Saundersiana*, Pt. 3, 203.

New South Wales.

Country unknown.

11. HENOPS FUMATUS.

Nigra; pectoris ventrisque latera alba; abdominis segmenta dorsalia albo marginata; pedes testacei, femoribus albidis; alæ fuliginosæ.

Oncodes fumatus, *Erichson, Archiv. Natury.* 1846, xii. 288.

Genus 18. SPHÆROGASTÈR.

Corpus minutum, ovatum, crassum. Caput mediocriter magnum. Proboscis porrecta, longitudine capitis. Antennæ triarticulatæ, frontis medio insertæ, arista brevissima crassiuscula. Alarum areola discalis venulas 4 subobsoletas emittens, in summum marginem interiorem descendentes. Alulæ minimæ.

Platygaster, *Zett. Ins. Lapp.* 574.
Sphærogaster, *Zett. Dipt. Scand.* i. 22, 232.

This genus may belong to another family.

1. SPHÆROGASTER ARCTICUS.

Ater, subnitidus, glaber; thorax lineis duabus humeralibus albis; pedes nigri, genubus tarsisque fuscis; alæ hyalinæ; halteres albi.

Platygaster arcticus, *Zett. Ins. Lapp.* 574, 1.
Sphærogaster arcticus, *Zett. Dipt. Scand.* i. 233, 1.
Lapland.

Fam. 5. ASILIDÆ.

Corpus magnum, aut mediocre, angustum, cylindricum, hirsutum. Frons et vertex impressa. Epistoma plerumque barbatum. Oculi remoti. Proboscis valida, brevis, cornea, acuta, porrecta aut obliqua. Antennæ porrectæ, basi approximatæ. Abdomen segmentis 8. Pedes sæpissime validi, spinosi. Alæ incumbentes.

Asilidæ, *Leach; Sam. Comp.; Curt.; Westw.*
Bombyliarii, p., *Lam.*
Empidia, p., *Rafinesque.*
Asilici, *Latr.; Fall.; Meig.; Macq.; Zett.; Agassiz; Loew.*
Sclerostoma, p., *Duméril.*
Tanystomata Asilida, *Perty.*
Asilica, *Burm.*
Asilites, *Newm.*
Asilinæ et Mydasinæ, *Rondani.*
Mydasii et Pomacerites, *Macq.*
Asilidii et Apomeridii, *Bigot.*
Tetrachætæ Tanystoma, p., *Macq.*

Antennæ 5- aut 4-articulatæ. Ocelli nulli. Sub-fam. 1. Mydasites.
Antennæ 3-articulatæ. Ocelli tres.
Alæ areola radiali aperta. - - - 2. Dasypogonites.
Alæ areola radiali clausa.
Arista nulla. - - - - - 3. Laphrites.
Arista elongata. - - - - - 4. Asilites.

Sub-fam. 1. MYDASITES.

Caput vertice concava. Facies sæpissime mystacina. Ocelli nulli. Proboscis labiis apicalibus crassis. Palpi tenues, acuminati, nudi. Pedes setosi. Alæ areola submarginali clausa, areolis externo-medialibus tribus aut quatuor.

Mydasii, *Macq.*
Aplocera, *Macq.*

A. Antennæ 5-articulatæ.
A. Proboscis brevis.
a. Antennæ articulo 5o elongato.
a. Abdomen elongatum. - - - - 1. Mydas.
b. Abdomen longissimum. - - 2. Dolichogaster.
b. Antennæ articulo 5o rotundato. - - 3. Rhopalia.
B. Proboscis elongata, tenuis. - - - 4. Cephalocera.
B. Antennæ 4-articulatæ. - - - - - 5. Apiocera.

Genus 1. MYDAS.

Proboscis brevis. Antennæ 5-articulatæ, sat longæ, articuli 1us et 2us breves, 3us et 4us longi, angusti, 4us 3o brevior, 5us latior, fusiformis.

Mydas, *Fabr.*; *Meig.*; *Macq.*
Midas, *Wied.*; *Westw.*

Mediastinal vein joining the costal at rather beyond two-thirds of the length of the wing. Subcostal ending at a little in front of the tip. Radial and the two branches of the cubital joining the subcostal at equal distances from each other, the hind branch ending at very near the tip of the subcostal. Cubital ejecting the stump of a vein from its fork. Subapical or first externo-medial vein forming a curve nearly parallel to that of the hind branch of

the cubital, joining the costal very near the tip of the wing; the following externo-medial veins joining the first, curved and parallel to the border, and not connected with it except by a short fork from the hindmost. Subanal and anal united near the border.

Europe.

1. MYDAS LUSITANICUS.

Nigro-cinereus, albido villosus; thorax albo quadrivittatus; abdominis incisuræ albidæ, 2a fulvescens; alæ flavidæ venis rufis.

Mydas lusitanicus, *Wied.*; *Meig. Zweifl.* ii. 130; vi. pl. 66, f. 1, 2. *Wied. Mon. Mid.* pl. 54, f. 181. *Macq. Hist. Nat. Dipt.* i. 274. *Westw. Arc.* i. 54, 33. *L.-Duf. Ann. Soc. Ent. Fr.* 2me *Sér.* viii. 143, 7, pl. 6, f. 7.

Spain. Portugal.

2. MYDAS FULVIVENTRIS.

Niger; thorax vitta laterali virgulaque humerali subcinereis; abdominis segmenta 2um, 3um, 4um et 5um supra fulva, margine subcinerea; alæ venis subfumosis.

Midas fulviventris, *L.-Duf. Ann. Soc. Ent. Fr.* viii. 145, 8.

Tarragana, Spain.

3. MYDAS RUFIPES.

Fusco-niger; antennæ vix capite longiores; abdomen fulvum, segmento basali nigro, apice subfusco; pedes fusco-rufi; alæ fuscæ.

Midas rufipes, *Westw. Arc.* i. 54, 35.

Sicily?

North America.

A. Alæ sublimpidæ. . . . . crassipes, *Westw.*
B. Alæ flavidæ. . . . . fulvifrons, *Illig.*
C. Alæ fuscæ.

A. Abdomen totum nigrum. - - - - tibialis, *Wied.*
B. Abdomen nigrum, incisuris flavis. - - incisus, *Macq.*
C. Abdomen nigrum, basi et apice fulvescens. pachygaster, *Westw.*
D. Abdomen testaceo-fuscum, nigro varium, fasciis pallidis. maculiventris, *Westw.*
E. Abdomen fulvum, flavo-nigroque varium. parvulus, *Westw.*
D. Alæ nigræ. - - - - - - clavatus, *Drury.*
E. Alæ chalybeæ. - - - - - iopterus, *Wied.*

4. MYDAS CRASSIPES.

Fœm. *Totus niger; antennæ breviores, thorax et abdomen nitida; pedes breves, femoribus posticis incrassatis dentatis; alæ subpellucidæ, vena radiali apiceque fusco tinctis.*

Midas crassipes, *Westw. Arc.* i. 51, 9, pl. 13, f. 3.

North America?

5. MYDAS FULVIFRONS.

Niger; epistoma fulvo hirtum; antennæ apice rufescentes; abdomen medio melleum; tibiæ subrubido-fuscæ; alæ flavidæ.

Midas fulvifrons, *Illig. Mag. Insektenkunde.* i. 206, 32. *Wied. Nova Acta Acad. Nat. Cur.* xv. 1; *Mon. Mid.* pl. 53, f. 13; *Auss. Zweifl.* ii. 629, 33. *Westw. Arc.* i. 52, 23.

Georgia.

6. MYDAS TIBIALIS.

Niger; tibiæ tarsique lutea; alæ fuscescentes.

Midas tibialis, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 2, f. 6. *Auss. Zweifl.* ii. 627, 30. *Westw. Arc.* i. 51, 11.

Baltimore.

7. Mydas incisus.

Niger; abdominis incisuræ flavæ, segmento basali omnino nigro; alæ fuscæ.

Mydas incisus, *Macq. Dipt. Exot.* i. 2, 11, 1, pl. 1, f. 1. *Westw. Arc.* 1, 53.

Carolina.

8. Mydas pachygaster.

Rubiginosus; oculi nigri, intus sericie albicante marginatæ; antennæ articulo 3o fulvo, 4o nigricante; thoracis dorsum nigro vittatum; abdomen thorace latius, segmento 1o et ultimo fulvescentibus, 1o basi obscuro, intermediis nigris margine tenui postico flavo; alæ fuscescentes, ad costam melleo tinctæ venis obscurius marginatis.

Midas pachygaster, *Westw. Arc.* i. 53, 24, pl. 13, f. 4.

Georgia.

9. Mydas maculiventris.

Obscure niger; abdomen testaceo-fuscanum, segmentis supra apice pallidis et (nisi segmentis duobus basalibus) macula triangulari nigra in medio notatis, his maculis versus apicem abdominis magnitudine crescentibus, segmento anali fusco; pedes piceo-nigri; alæ flavido-fuscanæ, venis in parte postica obscurius marginatis.

Midas maculiventris, *Westw. Lond. and Edinb. Phil. Mag.* 1835 *Arc.* 1, 53, pl. 13, f. 5.

Georgia.

10. Mydas parvulus.

Obscure fulvus; oculi nigri, intus sericie alba marginati; antennæ nigricantes, basi subluteæ; thorax vittis quatuor nigricantibus, duabus lateralibus antice, intermediis duabus postice, abbreviatis; abdomen flavo punctatum, segmentis 2o et sequentibus nigro fasciatis, fasciis in segmentis posticis multo latioribus; pedes fulvi; alæ fuscanæ, costa magis lutescente.

Midas parvulus, *Westw.*

Georgia.

11. Mydas clavatus.

Niger; abdominis segmentum 2um aurantiacum; alæ nigræ.

Musca clavata, *Drury, Ill.* i. pl. 44, f. 1; ii. *Append.*
Midas filatus, *Wied. Mon. Mid.* pl. 53, f. 8.
Bibio illucens, *Fabr. Syst. Ent.* 756, 1.
Midas clavatus, *Westw. Arc.* i. 51, 14.

North America.

12. Mydas iopterus.

Niger; antennæ breves; abdomen utrinque maculis duabus flavidis; alæ chalybeæ.

Midas iopterus, *Wied.*

North and South America.

Mexico.

A. Abdomen totum nigrum.
A. Antennæ nigræ. - - - - - senilis, *Westw.*
B. Antennæ apice rubidæ. - - - rubidapex, *Wied.*
B. Abdomen fasciis tribus flavis. - - interruptus, *Wied.*
C. Abdomen fasciis sex flavis. - - - basalis, *Westw.*

13. Mydas senilis.

Totus niger cinereo setosus, barba cinerea; alæ fuscanæ, costa magis fulvescente, venis posticis fusco marginatis, areola media versus marginem posticum venam brevem ad marginem currentem haud emittente.

Midas senilis, *Westw. Arc. Ent.* i. 52, 21.

Mexico.

14. Mydas rubidapex.

Niger; antennæ apice rubidæ; alæ rubido-flavæ, extrema basi nigræ.

Midas rubidapex, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 1, f. 2.; *Auss. Zweifl.* ii. 626, 27. *Westw. Arc. Ent.* i. 51, 4.

Mexico.

15. Mydas interruptus.

Niger; abdomen fasciis tribus flavis, 1a utrinque interrupta; alæ fusco-flavæ.

Midas interruptus, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 2. *Mon. Mid.* pl. 53, f. 12; *Auss. Zweifl.* ii. 628, 31. *Westw. Arc.* i. 52, 20.

Mexico.

16. Mydas basalis.

Fœm. *Niger; facies fulva; antennæ basi fulvæ; thoracis dorsum obscure ferruginosum, vitta media nigra; abdomen crassum, segmentis 2—7 flavo marginatis; pedes fulvi, coxis femoribusque anterioribus basi nigris; alæ flavido-fuscanæ, venis fulvis.*

Midas basalis, *Westw. Arc.* 53, 25.

Mexico.

West Indies.

17. Mydas tricolor.

Niger; epistoma auratum; thorax rubidus; abdomen chalybeum; femora postica rufa; alæ flavidæ.

Midas tricolor, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 1, f. 5; *Auss. Zweifl.* ii. 627, 29. *Westw. Arc.* i. 51, 10.

Cuba.

South America.

A. Abdomen totum chalybeum, aut cupreum, aut nigrum.
  A. Abdomen basi flavo pilosum.
    a. Abdomen atrum. - - - - - heros, *Perty.*
    b. Abdomen purpureo cæruleum. - - - dives, *Westw.*
  B. Abdomen basi nigro pilosum.
    a. Abdomen chalybeum aut nigrum.
      a. Antennæ omnino nigræ.
        i. Abdomen chalybeum.
          * Epistoma nigro hirtum. - giganteus, *Thunb.*

** Epistoma albo hirtum. - - - leucops, *Wied.*
ii. Abdomen nigrum.
* Thorax albido vittatus. - - virgatus, *Wied.*
** Thorax non vittatus. - - atratus, *Macq.*
b. Antennæ rubidæ, basi annuloque nigris. annulicornis, *Westw.*
c. Antennæ rubidæ, basi nigræ.
i. Abdomen nigrum. - - - mystaceus, *Wied.*
ii. Abdomen chalybeum, medio nigrum. apicalis, *Wied.*
B. Abdomen cupreum. - - - - nitidulus, *Oliv.*
B. Abdomen fasciis pallidis.
A. Pedes antici nigri. - - - - gracilis, *Macq.*
B. Pedes antici flavi. - - - - notospilus, *Wied.*

18. Mydas heros.

Ater; antennæ ferrugineæ; abdominis segmentum 1*um sulphureo hirtum; alæ antice testaceæ, costa et venis fusco-nigris.*

Midas heros, *Perty, Delect. Anim. Artic. Bras.* pl. 36, f. 11; *Westw. Arc. Ent.* i. 50, 1.

Brazil.

19. Mydas dives.

Niger; antennæ fulvæ, basi nigræ; thorax vittis cinerascentibus; abdomen segmento 1*o aureo piloso,* 2*o aureo sericante, reliquis læte purpureo-cæruleis; pedes longi; alæ fulvæ basi obscuriore margineque postico translucente.*

Midas dives, *Westw.*

Brazil.

20. Mydas giganteus

Ater, thorax vittis dilutioribus; abdomen chalybeum; alæ margine interno apiceque fuscano-flavidis. Mas. — *Abdomen chalybæum; alæ cothurnatæ vel fuscanæ.* Fœm. — *Abdomen vix cærulescens; alæ nigræ.*

Mydas giganteus, *Thunb.*
Var.? Mydas cærulescens, *Oliv. Enc. Méth.* viii. 81.

a, b. Rio Tapayos, Brazil. From Mr. Bates' collection.

21. Mydas leucops.

Niger; epistoma albo hirtum; thorax vittis tribus albo hirtis; abdomen chalybeum; alæ sinuato fuscano-flavæ, margine interno flavido.

Midas leucops, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 2; *Mon. Mid.* pl. 53, f. 10; *Auss. Zweifl.* ii. 628, 32. *Westw. Arc.* i. 52, 17.

Brazil.

22. Mydas virgatus.

Niger; thoracis vittis albo micantibus; alæ infumatæ.

Midas virgatus, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1; *Mon. Mid.* pl. 54, f. 19; *Auss. Zweifl.* ii. 63, D, 35. *Westw. Arc.* i. 53, 30.

Brazil.

23. Mydas atratus.

Mas et Fœm. *Niger; abdominis segmentum ultimum supra macula rufescente; alæ fuscæ venis obscurius marginatis.* Fœm.—*Abdomen depressum.*

Mydas atratus, *Macq. Dipt. Exot.* i. 2, 11, 2. *Westw. Arc.* i. 51, 15.

———?

Var.? *Ater; caput antice albido pilosum; abdominis segmentum ultimum fulvo marginatum; alæ purpureo-fuscæ, strigis apud areolas posticas pallidioribus, costa nigro-purpurea.*

Deep black. Head with whitish hairs in front. Eyes bordered beneath with white tomentum. Last abdominal segment with a dull tawny hind border. Wings purplish brown, blackish purple in front; areolets along the hind border, and two or three of those in the disk, with nearly limpid streaks. Length of the body 8 lines; of the wings 14 lines.

a. Rio Tapayos, Brazil. From Mr. Bates' collection.

24. Mydas annulicornis.

Fœm. *Niger; barba nigra; antennæ fulvo-rubræ, basi nigræ, annulo nigro ad apicem articuli 3i; thorax vix cinereo vittatus; abdomen segmento 2o nigro viridescente, tribus ultimis nigro-cærulescentibus; alæ fusco-nigricantes, basi venis obscurioribus, margine postico pallidius infumato.*

Midas annulicornis, *Westw. Arc.* i. 51, 6, pl. 13, f. 2.

Brazil.

25. Mydas mystaceus.

Ater; epistoma utrinque albo pilosum; antennæ rubidæ, basi nigræ; alæ nigræ, margine postico apiceque fuscescentes.

Midas mystaceus, *Wied. Nova Acta Acad. Nat. Cur.* xv. pl. 1, f. 3; *Auss. Zweifl.* ii. 626, 26. *Westw. Arc.* i. 51, 5.

Surinam.

26. Mydas apicalis.

Niger; antennæ apice rubidæ; abdomen chalybeum, medio nigrum; alæ nigro-fuscæ, margine postico flavæ.

Midas apicalis, *Wied. Auss. Zweifl.* ii. 629, 34; *Mon. Mid.* pl. 53, f. 14. *Westw. Arc.* i. 53, 29.

Mydas mystaceus, Var.?

Brazil.

a. ——— ?

Var.? Midas Bonariensis, *Serv.; Guér. Icon. Règne Anim.* pl. 97. *Westw. Arc. Ent.* i. 51, 7.

Niger; thorax et abdomen cyanea; alæ margine postico apiceque fuscis.

Buenos Ayres.

27. Mydas nitidulus.

Niger; thorax albido vittatus; abdomen subcupreum, maculis utrinque viridi aureis; alæ subflavescentes, venis fuscis.

Mydas nitidulus, *Oliv. Enc. Méth.* viii. 83. *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 1, f. 4; *Auss. Zweifl.* ii. 626, 28. *Westw. Arc.* i. 51, 8.

Surinam.

28. Mydas gracilis.

Niger; barba et frontis latera albida aut flava; thorax lineis quatuor albis, intermediis duabus antice paullo dilatatis, vitta nigra dorsali velutina, duabus lateralibus lævibus fuscis; metathorax maculis duabus albis; abdomen violaceo metallicum, segmento 1o *nigro albo piloso, reliquis fulvo tenuiter marginatis; pedes nigri, femoribus tibiisque posticis obscure testaceis; alæ fuscescentes.*

Mydas gracilis, *Macq. Hist. Nat. Dipt.* i. 274, pl. 7, f. 1. *Westw. Arc.* i. 52, 18.

South America.

29. Mydas notospilus.

Niger; thorax albo sex maculatus; abdomen flavo fasciatum; pedes flavi; alæ flavescentes, venis fusco marginatis.

Midas notospilus, *Wied.*

Monte Video, Brazil.

Africa.

30. Mydas cinctus.

Obscure niger; facies et frons albido pilosæ; thorax vittis quatuor cinereo villosis, lateralibus subtus fulvis, parapteris fulvis, lateribus testaceis, sterno nigricante; scutellum minutum, testaceum; abdomen cylindricum, segmentis fulvo marginatis, lateribus fulvis, singuli disco fascia nigra angusta abbreviata; pedes fulvi, femoribus posticis subclavatis, apice fuscis, subtus serie duplici spinarum brevium armatis; tibiis etiam breviter spinosis.

Mydas cinctus, *Macq. Hist. Nat. Dipt.* ii. 655, pl. 24, f. 19. *Westw. Arc.* i. 54, 34.

Oran, Algeria.

31. MYDAS DISPAR.

Flavo-cinereus (Mas), *aut flavus* (Fœm.); *thorax striis longitudinalibus e maculis tribus nigris compositis lineisque duabus intermediis signatus; abdomen nigro annulatum, in* fœmina, *diaphanum; pedes* maris *fusci*, fœminæ *flavi.*

Midas dispar, *Loew, Bericht Verhandl Kon. Preiss. Akad. Weisench. Berl.* 1852, 658, 4.

Mozambique.

Asia.

32. MYDAS RUFICORNIS.

Niger; antennæ ferrugineæ; thorax antice melleo fuscanus; alæ fuscæ.

Midas ruficornis, *Wied. Analecta Entom.* 20, 4; *Mon. Mid.* pl. 53, f. 11.; *Auss. Zweifl.* i. 242, 6. *Westw. Arc.* i. 52, 19.

Tranquebar.

Australia.

33. MYDAS CLAVIGER.

Mydas claviger, *Cat. of Diptera*, Pt. 1, 229.

34. MYDAS INCIPIENS.

Mydas incipiens, *Cat. of Diptera*, Pt. 1, 229.

A. Abdomen fasciis rufis aut fulvis.
  A. Alæ subhyalinæ.
    A. Abdomen albo maculatum. - - stenogaster, *Westw.*
    B. Abdomen immaculatum. - - - bicolor, *Westw.*
  B. Alæ auricolores. - - - - auripennis, *Westw.*

B. Abdomen piceum, fascia lata basali nigra. limpidipennis, *Westw.*
c. Abdomen non fasciatum.
A. Thoracis latera alba. - - - - viduatus, *Westw.*
B. Thorax maculis sex albis. - - concinnus, *Macq.*
C. Thorax maculis fulvis.
a. Alæ fulvæ. - - - - - melleipennis, *Westw.*
b. Alæ limpidæ. - - - - bispinifer, *Westw.*
D. Thorax totus niger. - - - - sordidus, *Westw.*

35. Mydas stenogaster.

Niger, albido setosus; facies barba densa albida insita; thorax maculis duabus parvis in margine antico albo squamosis, alterisque duabus versus basim alarum; abdomen valde elongatum, segmento antico albo piloso, 2o nigro, 3o obscure rufo, lateribus nigris albo maculatis, cæteris sanguineis, singulo ad basim utrinque macula parva alba; pedes piceo-sanguinei; alæ subhyalinæ.

Midas stenogaster, *Westw.*

Swan River.

36. Mydas bicolor.

Niger, albo pilosus; facies barba densa albida; abdomen segmentis 5 posticis sanguineo-rufis; pedes sanguineo-rufi, tarsis paullo obscurioribus; alæ hyalinæ, venis flavido-fuscano marginatis.

Midas bicolor, *Westw.*

37. Mydas auripennis.

Niger, caput, antennæ, prothorax, thoracis anguli antici, abdomen et pedes læte fulva; mesosterni latera unispinosa; abdomen basi fasciisque duabus nigris; femora basi nigra; alæ auricolores, macula versus costæ apicem nigra, margine interno pellucido.

Midas auripennis, *Westw. Lond. and Edinb. Phil. Mag.* 1835; *Arc.* i. 51, 13, pl. 14, f. 1.

Cubital vein divided, and forming a small closed oval areolet.

New Holland.

38. Mydas limpidipennis.

Niger; facies cinereo tomentosa; thorax opacus; abdomen dilatatum, subconvexum, segmento 1o cinereo parum hirto, 2o et 3o utrinque ad basim macula minima albido-lutea notatis, quatuor apicalibus piceis; pedes rufo-picei; alæ perlimpidæ, venis pallidis.

Mydas limpidipennis, *Westw. Trans. Ent. Soc. Lond.* v. 90.

Western Australia.

39. Mydas viduatus.

Niger; facies, thoracis latera, maculaque triangularis ad basim segmentorum 3i et 4i abdominalium sericie argentea obsita; alæ pallidæ, in medio fuscescentes, venis fusco marginatis.

Midas viduatus, *Westw.*

New Holland.

40. Mydas concinnus.

Mas. *Ater, albo maculatus; pedes testacei, femoribus nigris; alæ subflavescentes.*

Mydas concinnus, *Macq. Dipt. Exot. Suppl.* 1, 58, 2, pl. 6, f. 5.

New Holland.

a. Swan River. From Dr. Bacon's collection.

41. Mydas melleipennis.

Niger; antennæ elongatæ, articulo 1o subrufo; thoracis margines et scutellum fulva; abdomen elongatum, gracile, nitidum, segmentis basalibus utrinque flavo maculatis; pedes fulvi, femoribus posticis clavatis; alæ fulvæ, venis rufo-fulvis.

Mydas melleipennis, *Westw. Trans. Ent. Soc. Lond.* v. 87, pl 13, f. 1.

Western Australia.

42. Mydas bispinifer.

Niger; thoracis latera et scutellum rufo-fulva; pedes pallide flavi, femoribus posticis clavatis; alæ costam versus fusco tinctæ, venis nigris. Mas.—*Abdomen elongatum, angustum, clavatum, segmentis basalibus utrinque flavo maculatis.*

Mydas bispinifer, *Westw. Trans. Ent. Soc. Lond.* v. 88, pl. 13, f. 2.

Western Australia.

43. Mydas sordidus.

Niger, opacus; antennæ breviores, apice rufæ; abdominis segmenta basalia utrinque macula parva trigona lutea; pedes piceo-rufi, femoribus posticis obscuris; alæ limpidæ, venis nigris.

Mydas sordidus, *Westw. Trans. Ent. Soc. Lond.* v. 89, pl. 13, f. 3.

Adelaide, Australia.

Country unknown.

44. Mydas politus.

Niger; thorax glaber; abdomen cupreum; pedes ferruginei; alæ nigræ.

Mydas politus, *Wied. Auss. Zweifl.* i. 240, 2. *Westw. Arc.* i. 51, 12.

Genus 2. DOLICHOGASTER.

Facies vix prominens, breviter hirta, mystace nulla. Antennæ vix capitis longitudine; articulus 1us brevis; 2us brevissimus; 3us conicus, 1o duplo longior; 4us et 5us precedentium longitudine, clavam formantes cordiformem tomentosam basi sat latum apice obtuse acuminatam, lateribus subcompressis. Abdomen longissimum. Alæ sat latæ, abdominis apicem non attingentes.

Dolichogaster, *Macq. Dipt. Exot. Suppl.* 2, 18.
Midas, p., *Wied.*; *Westw.*

1. DOLICHOGASTER BREVICORNIS.

Niger, glaber; abdominis segmenta 3um et 4um flavido diaphana; alæ fusco notatæ.

Midas brevicornis, *Wied. Dipt. Exot.* i. 117, 3; *Auss. Zweifl.* i. 242, 5.
Dolichogaster brevicornis, *Macq. Dipt. Exot. Suppl.* 2, 19, pl. 2, f. 2.

a. Parà. From Mr. Bates' collection.

Genus 3. RHOPALIA.

Facies brevis, parum prominens. Mystax brevis, non bene determinata. Proboscis brevis, sat crassa. Antennarum articulus 3us maximus, ovatus, apice brevissime stylatus. Femora et tibiæ postica breviter setosa; tibiæ posticæ calcaribus duobus minutis.

Rhopalia, *Macq. Dipt. Exot.* i. 2, 12.
Midas, p., *Wied.*; *Westw.*

A. Thorax niger, vittis canis.
  A. Abdomen nigrum. - - - - - lineata, *Oliv.*
  B. Abdomen fuscum. - - - - vittata, *Wied.*
B. Thorax niger, lateribus testaceis. - - Olivieri, *Macq.*
C. Thorax rufus. - - - - - - Spinolæ, *Macq.*

1. RHOPALIA LINEATA.

Nigra; thorax cinereo quadrilineatus; abdomen suturis albis; femora postica læviter spinosa vix incrassata; alæ pellucidæ, venis nigris obscurius nonnihil marginatis.

Mydas lineatus, *Oliv. Encycl. Méth.* viii. 33. *Westw. Arc.* i. 54, 38.

Egypt.

2. Rhopalia vittata.

Cana; thorax vittis nigellis; abdomen fuscum albo fasciatum; pedes fusci, femoribus posticis haud spinosis; alæ limpidissimæ.

Midas vittatus, *Wied. Auss. Zweifl.* i. 559, 37; *Mon. Mid.* pl. 54, f. 23. *Westw. Arc.* i. 54, 37.
Rhopalia vittata, *Macq. Explor. Scient. de l'Alger.* iii. *Ins.* 431, pl. 1, f. 11.

Nubia, Algeria.

3. Rhopalia Olivieri.

Nigra; caput antice et subtus albo pilosum; antennæ sericie subcinerea indutæ; thoracis latera testacea; pedes rufi; alæ subfuscæ.

Rhopalia Olivieri, *Macq. Dipt. Exot.* i. 2, 12, 1, pl. 1, f. 2.
Midas Olivieri, *Westw. Arc.* i. 54, 39.

Egypt.

4. Rhopalia Spinolæ.

Fœm. *Rufa; abdominis segmentum 2um interrupte nigro fasciatum; pedes fulvi; alæ subrufescentes, apice et postice hyalinæ.*

Rhopalia Spinolæ, *Macq. Dipt. Exot.* i. 2, 192.

Egypt.

Genus 4. CEPHALOCERA.

Proboscis porrecta, elongata, tenuis.

Cephalocera, *Latr. Règn. Anim.* (1829); *Macq.*; *Westw.*
Midas, p., *Wied.*

Africa.

A. Alæ fasciatæ aut vittatæ.
  A. Alæ vittatæ. - - - - - - longirostris, *Latr.*
  B. Alæ fasciatæ. - - - - - - fascipennis, *Macq.*
B. Alæ non fasciatæ nec vittatæ.
  A. Antennæ apice ferrugineæ. - - - fasciata, *Wied.*
  B. Antennæ apice nigræ.
    A. Alæ fuscæ.
      a. Pedes fusci. - - - - - - nigra, *Macq.*
      b. Pedes fuscano-flavi. - - - callosa, *Wied.*
    B. Alæ flavescentes.
      a. Thorax rufo hirtus. - - - rufithorax, *Wied.*
      b. Thorax flavido hirtus. - - Westermanni, *Wied.*

1. Cephalocera longirostris.

Nigra; antennarum clava medio rufo-flava; thorax flavido-vittatus; abdomen maris *fasciis albis*, fœm. *flavis; pedes flavi, femoribus posticis apice obscuris; alæ costa vittaque submediana nigris.*

Midas longirostris, *Wied. Nova Acta Acad. Nat. Cur*, xv. 1; *Auss. Zweifl.* ii. 630, 36; *Mon. Mid.* pl. 54, f. 21.
Cephalocera longirostris, *Latr. Règn. Anim.* (1829). *Macq. Dipt. Exot.* i. 2, 13, 1. *Westw. Arc.* i. 55, 4.

a. Cape. From Mr. Saunders' collection.

2. Cephalocera fascipennis.

Mas. *Nigra; abdomen albo maculatum; pedes rufi; alæ fascia fuscana.*

Cephalocera fascipennis, *Macq. Dipt. Exot.* i. 2, 13, 2. *Westw. Arc.* i. 55, 5.

Cape.

3. Cephalocera fasciata.

Nigra; antennæ apice ferrugineæ; thorax ferrugineo hirtus; pedes ferruginei; alæ flavidæ.

Mydas fasciatus, *Wied. Auss. Zweifl* i. 243, 9.
Cephalocera fasciata, *Westw. Arc.* i. 55, 3.

Cape.

Var.? *Antennæ totæ, caput supra, thoracis latera et segmentorum abdominalium margines postici ferruginea.*

Black. Head above, antennæ, sides of the thorax, hind borders of the abdominal segments and legs ferruginous. Wings clouded with pale brown along the borders of the veins.

a. Port Natal. From Mr. R. W. Plant's collection.

4. Cephalocera nigra.

Fœm. *Nigra; barba alba; antennarum articulus 3us medio ferrugineus; pedes et alæ fusca; venæ cubitalis ramus 2us vena radiali conjunctus.*

Cephalocera nigra, *Macq. Dipt. Exot.* i. 2, 14, 3, pl. 1, f. 3. *Westw. Arc.* i. 55, 6.

Cape.

Var.? *Antennæ omnino nigræ; segmentorum abdominalium margines postici ferruginei; pedes ferruginei, tibiis posticis femoribusque nigris; alæ nigro-fuscæ, areolarum posticarum discis pallidioribus.*

Antennæ wholly black. Hind borders of the abdominal segments ferruginous. Legs ferruginous; femora and hind tibiæ black. Wings blackish brown; disks of the posterior arcolets much paler.

a. Port Natal. From Mr. R. W. Plant's collection.
b. ———?

5. Cephalocera callosa.

Nigra; pedes fuscano-flavi; alæ fuscæ. Mas.—*Abdomen fuscano-flavum.* Fœm.—*Abdomen nigrum.*

Midas callosa, *Wied. Mon. Mid.* pl. 54, f. 22.
Cephalocera callosa, *Westw. Arc.* i. 55, 7.

Cape.

6. Cephalocera rufithorax.

Nigra; thorax rufo hirtus; abdominis incisuræ flavidæ; pedes rufescentes, femoribus posticis intus apices versus nigris; alæ flavescentes.

Midas rufithorax, *Wied. Dipt. Exot.* i. 117, 4; *Auss. Zweifl.* i. 242, 7; *Mon. Mid.* pl. 54, f. 15.
Cephalocera rufithorax, *Westw. Arc.* i. 55, 1.

Cape.

7. Cephalocera Westermanni.

Niger; thorax flavido villosus; abdomen nigro hirtum, basi flavido hirtum; pedes castaneo-fusci; alæ apud discos flavescentes.

Midas Westermanni, *Wied. Zool. Mag.* iii. 19, 27; *Dipt. Exot.* i. 118, 5; *Auss. Zweifl.* i. 243, 8; *Mon. Mid.* pl. 54, f. 16.
Cephalocera Westermanni, *Westw. Arc.* i. 55, 2.

Cape.

Australia.

8. Cephalocera maculipennis.

Ferruginea; caput nigrum; antennæ fulvæ, articulo 4o valde clavato, apice in tuberculo contracto; thorax vitta lata nigra; abdomen nigrum, segmentis 2o, 3o 4oque rufis, singulo macula dorsali nigra; pedes testaceo-rufi; alæ hyalinæ, costa fulva, macula magna media, vitta ad basim ducta, apiceque marginis antici nigris.

Cephalocera maculipennis, *Westw, Arc.* i. 55, 8, pl. 14, f. 5.

Western Australia.

9. CEPHALOCERA GRACILIS.

Fœm. *Gracilis, nigra, nitida; thoracis latera testacea; abdomen fasciis fulvis; femora, tibiæ tarsique basi flava; alæ fuscanæ.*

Cephalocera gracilis, *Macq. Dipt. Exot. Suppl.* 2, 32, pl. 1, f. 5.

New Holland.

Genus 5. APIOCERA.

Caput transversum. Proboscis exserta, labiis duobus magnis terminata. Palpi lati, spatulati. Antennæ 4-articulatæ, capite breviores; articuli 1us et 2us setosi; 1us crassus; 2us minutus; 3us pyriformis, parvus; 4us stylatus, minutus. Thorax oblongus setosus. Scutellum productum. Abdomen longi-obconicum. Pedes longiusculi, sat graciles, setosi; tibiæ posticæ bicalcaratæ. Alæ breviusculæ.

Apiocera, *Westw. Lond. and Edinb. Phil. Mag.* 1835; *Arc.* i. 56.
Pomacera, *Macq. Dipt. Exot. Suppl.* 2.

Wings short, rather narrow: costal vein ending at near the tip of the wing; mediastinal ending at about two-thirds of the length; subcostal ending near the tip of the costal; radial and cubital springing from a short common petiole, the former joining the subcostal near its tip; cubital forked before two-thirds of its length; its forks slightly curved, the fore fork joining the subcostal, the hind fork united to the costal; first externo-medial curved parallel to the cubital, joining the tip of the costal; second externo-medial complete; third and fourth externo-medial united at some distance from the border, which they join by means of a common petiole; subanal and anal united near the border.

1. APIOCERA ASILICA.

Obscure nigra, facie corporeque subtus pilis cinereo-albis valde obsitis; thorax vitta angusta media aliisque tribus utrinque in medio disci abbreviatis cinereo-albis; abdominis segmenta 2um, 3um et 4uin lateribus et maculis duabus triangularibus ad marginem posticum magnitudine decrescentibus, 5umque maculis duabus basalibus cinereo-albis; alæ hyalinæ, venis nigris.

Apiocera asilica, *Westw.*
Pomacera Bigotii, *Macq. Dipt. Exot. Suppl.* 2, 19, 1, pl. 2, f. 1.

a. Adelaide. From Mr. Stevens' collection.

Sub-fam. 2. DASYPOGONITES.

Ocelli tres. Antennæ sæpissime 3-articulatæ. Alarum vena radialis costali ad apicem connexa.

Dasypogonitæ, *Macq.*

A. Antennæ 5-articulatæ.
  A. Antennarum articulus 5us 4o longior. - 1. Ceraturgus.
  B. Antennarum articuli 4us et 5us æquales. - 2. Dioctria.
B. Antennæ 3-articulatæ.
  A. Abdomen non petiolatum.
    a. Caput non depressum.
      i. Abdomen mediocriter longum.
        * Femora postica vix clavata.
          † Thorax non gibbosus.
            ‡ Antennarum articulus 3us linearis. 3. Dasypogon.
            ‡‡ Antennarum articulus 3us clavatus. 4. Brachyrhopala.
          †† Thorax gibbus, antice productus. - 5. Pseudorus.
        ** Femora postica clavata, valde hirsuta. 6. Euscelidia.
      ii. Abdomen longissimum. - - - - 7. Dolichodes.
    b. Caput valde depressum. - - - 8. Discocephala.
  B. Abdomen petiolatum. - - - - - 9. Cabasa.
    a. Oculi remoti. - - - - - - 10. Senobasis.
    b. Oculi fere contigui. - - - - 11. Plesiomma.

Genus 1. CERATURGUS.

Antennæ capite longiores, articulis duobus obtusis brevibus terminatæ; articulus apicalis præcedente longior.

Ceraturgus, *Wied. Auss. Zweifl.* i. 414; *Macq.*
Dasypogon, p., *Fabr.*; *Wied. Dipt. Exot.*

Mediastinal vein ending beyond half the length of the wing. Subcostal ending beyond five-sixths of the length. Radial and cubital springing from a common petiole which proceeds from the subcostal at two-fifths of the length of the wing, and is less than one-eighth of their length. Cubital forked before two-thirds of its length, joined by a veinlet with the externo-medial before one-fourth of its length. First and third externo-medial springing from a common petiole at rather before half the length of the wing,

united again by a veinlet whose angle unites the second externo-medial. Fourth externo-medial and subanal springing from a common petiole at rather before half the length of the wing. Fourth externo-medial forming near its base an angle, where it is united by a veinlet with the third externo-medial. Subanal joining the anal at its tip. Discal areolet long, narrow, nearly pentagonal, very slightly widening outward.

North America.

1. CERATURGUS FASCIATUS.

Ceraturgus fasciatus, *Cat. of Diptera*, Pt 2, 367.

2. CERATURGUS AURULENTUS.

Auratus; thorax vittis tribus nigris; abdominis segmenta basi nigra; pedes flavi; alæ limpidæ.

Dasypogon aurulentus, *Fabr. Syst. Antl.* 166, 11. *Wied. Anal Entom.* 12; *Dipt. Exot.* i. 228, 26.

Ceraturgus aurulentus, *Wied. Auss. Zweifl.* i. 414, 1, pl. 5, f. 5.

New York.

Mexico.

3. CERATURGUS NIGER.

Niger; abdominis segmenta albo maculata; pedes fulvi, tarsorum articulis apice, tibiisque nigris; alæ flavescentes.

Ceraturgus niger, *Macq. Dipt. Exot.* i. 2, 25, pl. 2, f. 1.

4. CERATURGUS RUFIPENNIS.

Fœm. *Aureo-tomentosa; abdomen nigrum, fasciis aureis interruptis, apice testaceum; pedes testacei; alæ fulvæ, apice subfuscæ.*

Ceraturgus rufipennis, *Macq. Dipt. Exot. Suppl.* 2, 32, 2.

Country unknown.

5. CERATURGUS? ANDOCIDES.

Ceraturgus? Andocides, *Cat. of Diptera*, Pt. 2, 367.

6. CERATURGUS? CORNUTUS.

Fœm. *Badio-fuscus; antennarum articulus 3us longissimus, apice biarticulatus; thorax fulvus, vittis fuscis; abdomen flavido fasciatum; pedes anteriores rufescentes; alæ fuscescentes, areolarum discis sublimpidis.*

Dasypogon cornutus, *Wied. Auss. Zweifl.* i. 382, 25.

Genus 2. DIOCTRIA.

Corpus elongatum, cylindricum. Antennæ 5-articulatæ, capite multo longiores; articuli 4us et 5us æquales.

Dioctria, *Fabr. Syst. Antl.* 149; *Latr.; Fall.; Meig.; Wied.; Macq.; Curt.; Zell.; Zett.; Loew.*
Asilus, p., *Linn.; Fabr. Ent. Syst.; Schr.; Gmel.*

Mediastinal vein ending at much beyond half the length of the wing. Subcostal ending at about three-fourths of the length. Radial and cubital springing from a common petiole, which proceeds from the subcostal at about one-third of the length of the wing, and is less than one-fourth of their length. Cubital forked before two-thirds of its length, joined by a veinlet with the first externo-medial before one-third of its length. First and third externo-medial springing from a common petiole at much before half the length of the wing, united again by a veinlet, which near its fore end emits the second externo-medial. Fourth externo-medial and subanal springing from a common petiole at much before half the length of the wing; fourth externo-medial forming near its base an angle, where it is united by a veinlet with the third externo-medial; subanal ending near the tip of the anal. Discal areolet long, narrow, widening from the base to the tip.

Europe.

A. Abdomen cupreo-aureum. - - - chalcogastra, *Duf.*
B. Corpus subcærulescens. - - - Harcyniæ, *Lœw.*
C. Corpus atrum.
A. Pedes toti nigri. (D. atricapilla, *fœm.*, Var. Pedes ex parte rufescentes).

A. Thorax lævis.
d. Alæ *maris* dimidiatim nigricantes, *fœminæ* fuscescentes. Gagates, *Meig.*
dd. Alæ atræ. - - - - - - melas, *Duf.*
B. Thorax obscurus.
a. Alæ *maris* atratæ, *fœm.* fuscescentes. atricapilla, *Meig.*
b. Alæ hyalinæ. - - - - speculifrons, *Meig.*
B. Pedes nigri femoribus tibiisque basi stramineis. Reinhardi, *Meig.*
C. Pedes plus minusve rufi.
A. Alæ in utroque sexu æqualiter nigræ. œlandica, *Linn.*
AA. Alæ subfuscescentes aut hyalinæ.
a. Antennarum articulus 3us præcedentibus conjunctis æqualis.
i. Abdomen totum atrum.
* Metatarsus posticus vix incrassatus.
† Femora non nigro liturata..
‡ Pedes rufi, nigro varii.
§ Pectoris latera maculis micantibus nullis. cothurnata, *Meig.*
§§ Pectoris latera maculis micantibus. rufipes, *Deg.*
‡‡ Pedes testacei. - - Wiedemanni, *Meig.*
†† Femora postica nigro liturata. flavipes, *Meig.*
††† Femora omnia nigro liturata. Baumhaueri, *Meig.*
** Metatarsus posticus crassissimus. - gracilis, *Meig.*
ii. Abdomen cingulis pallidis.
* Scutellum plus minusve rufescens. aurifrons, *Meig.*
** Scutellum totum nigrum.
† Tarsi omnes subtus obscure punctati. linearis, *Fabr.*
†† Tarsi subtus non punctati.
h. Pectoris latera fasciis pallidis micantibus. lateralis, *Meig.*
hh. Pectoris latera fasciis pallidis micantibus nullis. - - - calceata, *Meig.*
ia. Antennarum articulus 3us. præcedentibus conjunctis multo longior. - - - - longicornis, *Meig.*

1. DIOCTRIA ŒLANDICA.

Nigra; thorax albido quadrivittatus; pedes rufi; tibiis apice tarsisque nigris; alæ in utroque sexu æqualiter nigricantes.

Asilus œlandicus, *Linn.*

a—f. England. From Mr. Stevens' collection.

2. DIOCTRIA REINHARDI.

Nigra, nitida; thoracis dorsum lineis duabus angustis cinerascentibus postice abbreviatis; femora tibiæque basi straminea.

Dioctria Reinhardi, *Wied. Meig. Zweifl.* ii. 247, 13, pl. 19, f. 19, 24. *Macq. Dipt. Nord. Asil.* 17, 8; *Hist. Nat. Dipt.* i. 291, 9. *Zeller, Isis*, 1840, 40, 5. *Loew, Linn. Ent.* ii. 412, 2. *Zett. Dipt. Scand.* viii. 2972.

a, b. England. From Mr. Stephens' collection.
c. Interlacken, Switzerland. Presented by F. Walker, Esq.

3. DIOCTRIA ATRICAPILLA.

Nigra, parum nitens; pedes sæpissime concolores; alæ dimidiatim sed indeterminate in mare *atratæ, in* fœmina *fuscescentes.*

Dioctria atricapilla, *Meig.*

a—f. England. From Mr. Stephens' collection.

Var. *Nigra; facies orichalcea; thorax cinereus, nigro lineatus; abdomen incisuris albidis; pedes fulvi, postici nigri genubus fulvis; alæ hyalinæ; halteres flavi.*

Dioctria geniculata, *Meig.*

4. DIOCTRIA HARCYNIÆ.

Nigra, alis mystaceque in utroque sexu concoloribus; thorax et abdomen subcærulescentia nitida.

Dioctria Harcyniæ, *Loew, Ent. Zeit. Stett.* 1844, 381. *Linn. Ent.* ii. 416, 4.

Germany.

5. Dioctria Gagates.

Nigra, nitida; pedes concolores; facies albido micans; thorax lævis; genua fulva; alæ in mare *dimidiatim nigricantes, in* fœmina *pallide fuscescentes.*

Dioctria Gagates, *Hoffm.; Meig.*

Portugal.

6. Dioctria speculifrons.

Nigra; nitida, facies submetallica, thoracis dorsum fusco tomentosum; vittis duabus flavescentibus; alæ limpidæ; halteres flavi.

Dioctria speculifrons, *Hoffm.; Meig. Zweifl.* ii. 255, 28. *Loew, Linn. Ent.* ii. 419, 6.

Portugal.

7. Dioctria cothurnata.

Nigra; facies orichalcea; thorax cinereus, nigro vittatus; pectoris latera maculis micantibus nullis; abdomen incisuris sæpe albidis; pedes fulvi, tibiis posticis tarsisque fuscis; alæ dilute fuscescentes.

Dioctria cothurnata, *Meig. Zett. Dipt. Scand.* viii. 2973.

Var.? *Nigra; facies orichalcea; pedes fulvi, tibiis posticis tarsisque fuscis; alæ fuliginosæ.*

Dioctria infuscata, *Meig. Zweifl.* ii 252, 21.

France?

8. Dioctria aurifrons.

Mas et fœm. *Nigra, nitida; facies et pectoris latera orichalcea; thoracis dorsum luridum, opacum, nigro vittatum; callus humeralis rufescens; abdomen cingulis flavo-testaceis; pedes flavo-testacei, tarsis subtus non punctatis.*

Dioctria humeralis, *Zeller, Isis,* 1840, 36, 3. *Loew, Linn. Ent.* ii. 422, 8.

Mas. *Alæ nigro-fuscæ, apice hyalinæ.*

Dioctria aurifrons, *Gürtl.; Meig. Zweifl.* ii. 252, 23.

Fœm. *Alæ fere limpidæ, margine antico flavicantes.*

Dioctria flavipennis, *Meig. Zweifl.* ii. 252, 22.

Austria.

9. DIOCTRIA RUFIPES.

Nigra; tuberculus frontalis permagnus; thorax cano bivittatus, lateribus flavo-albo notatis; antennarum articulus 1*us* 2*o duplo longior; pedes rufi, tarsorum articulis apice pedibusque posticis nigris; alæ subhyalinæ.*

Asilus rufipes, *Deg.*

a—f. England. From Mr. Stephens' collection.
g, h. Interlacken, Switzerland. Presented by F. Walker, Esq.

10. DIOCTRIA WIEDEMANNI.

Nigra; facies fulva; thoracis discus cinereus, nigro lineatus; alæ fuscanæ; pedes testacei.

Dioctria Wiedemanni, *Meig. Zweifl.* ii. 241, 2.

South France.

11. DIOCTRIA FLAVIPES.

Nigra; facies nivea; thorax cinereo trivittatus; abdomen segmentis apice fulvis, maris 3*o et* 4*o basi fulvis; pedes flavi, femoribus posticis sæpissimè litura sublineari nigra superius signatis, tibiis posticis nonnunquam nigris, tarsis fulvis aut nigris; alæ limpidæ.*

Dioctria flavipes, *Meig. Zett. Dipt. Scand.* viii. 2974.

Var. *Abdomen fasciis duabus ferrugineis.*

Dioctria cingulata, *Zett. Dipt. Scand.* viii. 2975.

a—d. England. From Mr. Stephens' collection.
e. Interlacken, Switzerland. Presented by F. Walker, Esq.

12. Dioctria Baumhaueri.

Nigra; facies nivea; thorax cinereus, nigro vittatus; pedes anteriores fulvo nigroque varii, postici fulvi; alæ hyalinæ; halteres fulvi.

Dioctria Baumhaueri, *Meig.*

a—f. England. From Mr. Stephens' collection.

13. Dioctria linearis.

Mas et fœm. *Nigra, gracilis; abdomen cingulis palliae testaceis; pedes pallide testacei, postici fusco variegati; tarsi omnes subtus obscure punctati.*

Dasypogon linearis, *Fabr. Syst. Antl.* 389, 60. *Meig. Zweifl.* vi. 330. *Loew, Linn. Ent.* ii. 432, 12.

Germany.

14. Dioctria bicincta.

Nigra; facies orichalcea; abdomen annulis duobus flavis; pedes fulvi, tibiis posticis tarsisque fuscis; alæ fuliginosæ.

Dioctria bicincta, *Meig. Zweifl.* ii. 251, 20, pl. 19, f. 20.

France?

15. Dioctria annulata.

Nigra; facies orichalcea; abdomen fasciis duabus flavis; pedes fulvi, femoribus posticis nigro lineatis, tibiis posticis tarsisque fuscis; alæ hyalinæ.

Dioctria annulata, *Meig. Zweifl.* ii. 251, 19, pl. 19, f. 19.

16. Dioctria gracilis.

Nigra, nitens; facies orichalcea; thoracis dorsum nitidum; pectoris latera fascia anteriore integra; pedes fulvi, tibiis posticis tarsisque nigro-fuscis, metatarso postico crassissimo; alæ hyalinæ, vix subfuscescentes; halteres flavi.

Dioctria gracilis, *Meig. Zweifl.* ii. 248, 15. *Macq. Dipt. Nord. Asil.* 18, 9; *Hist. Nat. Dipt.* i. 291, 10. *Loew, Linn. Ent.* ii. 333, 13.

South France. North Africa.

17. Dioctria lateralis.

Nigra; facies orichalcea; antennarum articulus 3us præcedentibus conjunctis æqualis; thoracis dorsum nitidum; pectoris latera fascia micante anteriore superius late interrupta; abdomen basi vix coarctatum, plerumque luteo cingulatum, interdum unicolor; pedes fulvi, femoribus posticis nigro cinctis, tibiis tarsisque posticis fuscis; alæ hyalinæ; halteres flavi.

Dioctria lateralis, *Meig. Klass. Zweifl.* i. 258, 8 (ex parte); *Zweifl.* ii. 11, 249, 16. *Macq. Dipt. Nord. Asil.* 18, 10; *Hist. Nat. Dipt.* i. 291, 11. *Loew, Progr.* 1840, 14, 7; *Isis*, 1840, 536, 7; *Linn. Ent.* ii. 435, 14.

Asilus hæmorrhoidalis, *Meig. Klass. Zweifl.* i. 270.

Dioctria hæmorrhoidalis, *Meig. Zweifl.* ii. 250, 18. *Macq. Dipt. Nord. Asil.* 19, 13; *Hist. Nat. Dipt.* i. 292, 13. *Zeller, Isis*, 1840, 41, 6.

a, b. England. From Mr. Stephens' collection.

18. Dioctria longicornis.

Nigra; facies aurea; antennæ capite duplo longiores; articulus 3us præcedentibus conjunctis multo longior; pedes fulvi, postici nigri; alæ hyalinæ; halteres flavi.

Dioctria lateralis, *Meig. Klass. Zweifl.* i. 258, 8 (ex parte). *Macq. Dipt. Nord. Asil.* 19, 11; *Hist. Nat. Dipt.* i. 291, 12. *Loew, Linn. Ent.* ii. 437, 16.

Dioctria lateralis (frontalis in tab.), *Panz. Faun. Ins. Germ.* xcviii. 21.

Dioctria longicornis, *Meig. Zweifl.* ii. 249, 17, pl. 19, f. 18.

a. Aix-la-Chapelle. Presented by F. Walker, Esq.

19. Dioctria calceata.

Nigra; facies nivea; thorax cinereus vittis nigris; abdominis segmenta 2um, 3um et 4um fulva; pedes fulvi; tarsis fuscis; alæ fuscescentes.

Dioctria calceata, *Megerle; Meig. Zweifl.* ii. 253, 24. *Loew, Linn. Ent.* ii. 438, 16.

Austria. Italy.

20. Dioctria melas.

Atra; abdomen depressum, concolor; arista subulata; pedes anteriores cinereo hirsuti; tibiæ posticæ clavatæ; tarsorum posteriorum articulus 1us incrassatus, oblongus; reliquis suburceolati; alæ atræ; halteres flavi.

Dioctria melas, *Duf. Ann. Soc. Ent. Fr. 2me Sér.* viii. 148, 11, pl. 6, f. 10.

Madrid.

21. Dioctria chalcogastra.

Atra; abdomen depressum, cupreo-aureum, nitidum, subtus aureo villosum; tibiæ posticæ incrassato clavatæ; tarsorum posteriorum articulus 1us incrassatus ovatus, reliqui globosi; alæ atræ; halteres flavi.

Dioctria chalcogastra, *Duf. Ann. Soc. Ent. Fr. 2me Sér.* viii. 146, 10, pl. 6, f. 9.

Valentia; Madrid.

South Russia.

22. DIOCTRIA PICTA.

Mas. *Nigra; facies nivea; abdomen incisuris citrinis maculisque in singulo segmento binis transversis albis.*

Dioctria picta, *Wied. Dipt. Exot.* i. 180, 1; *Auss. Zweifl.* i. 364, 1.

North America.

23. DIOCTRIA ALBIUS.

Dioctria Albius, *Cat. of Diptera*, Pt. 2, 301.
New York.

24. DIOCTRIA OCTOPUNCTATA.

Nigra; thorax flavido vittatus; abdomen utrinque maculis quatuor albis; pedes mellei.

Dioctria octopunctata, *Say, Journ. Acad. Philad.* iii. 49, 1. *Wied. Auss. Zweifl.* i. 365, 3.

North America.

South America.

25. DIOCTRIA TENUIS.

Dioctria tenuis, *Diptera Saundersiana*, Pt. 2, 86.
a, b. South America. From Mr. Saunders' collection.

26. DIOCTRIA VICINA.

Nigra, nitida; faciès albida; pedes rufi, femoribus anticis fascia nigricante; alæ nigræ.

Dioctria vicina, *Macq. Dipt. Exot.* i. 2, 26, 2.
Dioctria œlandica, Var.?
Brazil.

Africa.

A. Corpus cyaneum. - - - - - cyanea, *Fabr.*
B. Corpus nigrum.
A. Corpus maculatum. - - - - costalis, *Wied.*
B. Corpus non maculatum. - - - flavipennis, *Macq.*

27. DIOCTRIA CYANEA.

Fusca; abdomen et alæ cyanea.

Dioctria cyanea, *Fabr.*
South Africa.

28. DIOCTRIA COSTALIS.

Mas. *Nigra; thorax rufo maculatus; abdomen flavo maculatum; alæ ad costam dimidiato fuscæ.*

Dioctria costalis, *Wied. Zool. Mag.* iii. 6, 8; *Dipt. Exot.* i. 180, 3; *Auss. Zweifl.* i. 365, 2.
Cape.

29. DIOCTRIA FLAVIPENNIS.

Mas. *Atra; facies, thoracis lineæ tres, pedesque fulva; alæ pallide fulvæ.*

Dioctria flavipennis, *Macq. Dipt. Exot.* i. 2, 25, 1, pl. 2, f. 2.
Cape.

Australia.

30. DIOCTRIA TASMANICA.

Dioctria Tasmanica, *Saunders, Diptera Saundersiana*, Pt. 2, 85.
a. Van Dieman's Land. From Mr. Saunders' collection.

31. DIOCTRIA? CONOPSOIDES.

Nigra; caput flavum; thorax flavo maculatus; abdomen fasciis rufis; pedes rufi.

Asilus conopsoides, *Fabr. Mant. Ins.* ii. 361, 37; *Ent. Syst.* iv. 389, 59.
Dioctria conopsoides, *Fabr. Syst. Antl.* 151, 9.
New Holland.

Country unknown.

32. DIOCTRIA HORSLEYI.

Dioctria Horsleyi, *Saunders, Diptera Saundersiana*, Pt 2, 86.

Genus 3. DASYPOGON.

Caput non depressum. Antennæ triarticulatæ. Thorax non gibbosus. Abdomen mediocriter longum, non petiolatum. Femora postica vix clavata.

Dasypogon, p., *Fabr. Syst. Antl.; Latr.; Panz.; Fall.; Meig.; Curt.; Zell.; Zett.; Loew.*
Asilus, p., *Linn.; Fabr. Ent. Syst.; Schr.; Gmel.; Panz.*
Dioctria, p., *Fabr.*
Dasypogon et Microstylum, Xiphocera et Acnephalum, *Macq.*
Dasypogon, Megapollyon, Prolepsis, Euarmostus et Morimna, *Walk.*

Mediastinal vein ending at a little before two-thirds of the length of the wing. Subcostal ending at beyond seven-eighths of the length. Radial and cubital springing from a common petiole, which proceeds from the subcostal at about one-fourth of the length of the wing, and is less than one-sixth of their length. Cubital forked a little before two-thirds of its length, joined by a veinlet with the first externo-medial a little before one-third of its length. First and third externo-medial springing from a common petiole at much before half the length of the wing, united again by a veinlet whose angle emits the second externo-medial. Third externo-medial extending to the hind border in some species; in others inclined

hindward, and joining the fourth externo-medial near the tip of the latter. Fourth externo-medial and subanal springing from a common petiole at about half the length of the wing; fourth externo-medial forming near its base an angle, where it is united by a veinlet with the third externo-medial; subanal ending close to the tip of the anal. Discal areolet narrow, very long, nearly triangular, widening from the base to the tip. The wing-veins of the species of this genus are subject to great variation. The forks of the cubital vein diverge more or less from each other, and the fore branch is more or less straight or curved or angular, and in some cases emits the stump of a vein from its angle. The first externo-medial is generally parallel to the hind branch of the cubital, but in some species is united with it. The second externo-medial very generally springs from a veinlet between the first and the third externo-medial, but in one species appears as the fork of the first externo-medial. The third externo-medial generally proceeds straight to the border, but is often inclined to the fourth, and in some species joins the latter on the border, or at some distance from it. The subanal usually joins the anal on the border; in a few species it is separate from it, or is united to it at a distance from the border. In one species there is a veinlet between the first and second externo-medial veins, and thereby an additional areolet is formed in front of the discal areolet.

Europe and Asia Minor.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1. SAROPOGON.

Species præ cæteris nudæ. Facies æqualiter lata. Mystax flabelli formis, faciem non transiens. Antennæ approximatæ; arista semper brevissima, structuræ variæ. Thorax non valde elevatus, setis dorsalibus abbreviatis. Abdomen longum, *maris* magis cylindricum, *fœminæ* magis planum. Pedes sat graciles; tibiæ posticæ non incrassatæ.

Saropogon, *Loew*, *Linn. Ent.* ii. 439.

A. Mystax niger.
  A. Antennarum articulus 3us præcedentibus conjunctim duplo longior. - - - - - - - eucerus, *Loew.*
  B. Antennarum articulus 3us præcedentibus conjunctim non duplo longior. - - - - - jugulum, *Loew.*
B. Mystax flavescens.
  A. Femora nigra. - - - - - - platynotus, *Loew.*
  B. Femora rufa. - - - - - - luctuosus, *Hoffm.*

1. Dasypogon eucerus.

Mas. *Mystax niger; antennarum articulus 3us præcedentibus conjunctim duplo longior.*

Dasypogon eucerus, *Loew*, *Linn. Ent.* ii. 440, 1.

Mormeriza and Makri, Asia Minor.

2. Dasypogon jugulum.

Mas.—*Mystax niger; pedes nigro flavoque varii.* Fœm.—*Abdomen rufo fasciatum.*

Dasypogon jugulum, *Loew*, *Linn. Ent.* ii. 441, 2.

Isle of Rhodes and the neighbouring coast of Asia Minor.

3. Dasypogon platynotus.

Mas.—*Mystax pallide flavescens; femora nigra.* Fœm.—*Abdomen nigrum; femora basi nigra.*

Dasypogon platynotus, *Loew*, *Linn. Ent.* ii. 443, 3.

Makri and Patara, Asia Minor.

4. Dasypogon luctuosus.

Niger; pedes rufi. Mas.—*Mystax flavescens; alæ nigricantes.* Fœm.—*Abdomen nigrum; alæ pallidiores.*

Dasypogon luctuosus, *Hoffm. Meig. Zweifl.* ii. 259, 3. *Loew*, *Linn. Ent.* ii. 446, 4.

Italy. Portugal.

Group 2. DASYPOGON.

Præcedenti similis, at mystax ad faciei medium ascendens, et inde usque ad antennas pilis sparsis abbreviatis instructus.

Dasypogon, *Loew*, *Linn. Ent.* ii. 448.

A. Thorax aureo varius.
  A. Faciee flava. Alæ flavescentes. - - teutonus, *Linn.*
  B. Facies alba. Alæ hyalinæ. - - leucocephalus, *Meig.*
B. Thorax non auratus.
  A. Humeri prominuli.
    a. Tarsi ferruginei. *Mas.*—Abdomen supra nigrum. Diadema, *Fabr.*
    b. Tarsi nigri. *Mas.*—Abdomen supra rufum. variabilis, *Brullé.*
  B. Humeri non prominuli. - - - cylindricus, *Fabr.*
C. Corpus ferrugineum. Abdomen basi maculisque lateralibus nigris. - - - - - - - - - analis, *Fabr.*

5. Dasypogon teutonus.

Mas et Fœm. *Niger; facies, thoracis margo lateralis et pleurarum maculæ magnæ aureo micantes.*

Asilus teutonus, *Linn.*

Central and Southern Europe.

6. Dasypogon leucocephalus.

Niger; facies, thoracis latera et abdominis puncta lateralia alba pedes fulvi, femoribus posticis apice tarsisque nigris; alæ hyalinæ, ad costam fuscescentes.

Dasypogon leucocephalus, *Meig. Zweifl.* ii. 259, 2, pl. 10, f. 10. *Macq. Hist. Nat. Dipt.* i. 293, 3.

South France.

7. Dasypogon Diadema.

Mas.—*Ater; pedes et alæ concolores; humeri prominuli.* Fœm.—*Nigra, pilis occipitis prothoracisque pallidis, nigris interdum parce admixtis; abdomen cingulis* 3—6 *superius rufo-ferrugineis; pedes interdum picei.*

Dasypogon Diadema, *Fabr.*

Dasypogon punctatus, *var.* umbrosa, *Brullé, Expéd. Scient. de Morée*, iii. 1, 292, 631, pl. 46, f. 2.

Central and Southern Europe. Asia Minor. Australia.

8. Dasypogon variabilis.

Mas et Fœm. *Nigro-violascente micans; abdomen nitidum, rufo plus minusve fasciatum, segmentis* 2o—5o *macula utrinque laterali albida; pedes nigri.* Mas.—*Mystax et facies inferior nigra; alæ obscure violaceæ.* Fœm.—*Mystax et facies inferior albido-flava; alæ flavescentes.*

Dasypogon variabilis, *Brullé, Expéd. Scient. de Morée*, iii. 1, 292, 632, pl. 46, f. 4.

Calamata.

9. Dasypogon cylindricus.

Mas.—*Ater; pedes et alæ concolores humeri non prominuli.* Fœm.—*Niger pilis occipitis prothoracisque nigris, vix unquam pallidis aliquot admixtis; abdomen cingulis* 3—5 *superius semper rufo-ferrugineis; pedes rufi, interdum nigricantes.*

Asilus cylindricus, *Fabr. Ent. Syst.* iv. 381, 24. *Meig. Klass.* i. 267.

Dasypogon cylindricus, *Fabr. Syst. Antl.* 165, 6. *Meig. Zweifl.* ii. 262, 7. *Macq. Dipt. Nord. Asil.* 24, 4. *Loew, Linn. Ent.* ii. 451, 7.

Dasypogon fasciatus, *Meig. Zweifl.* ii. 261, 5. *Macq. Dipt. Nord. Asil.* 24, 3.

Central and Southern Europe.

10. Dasypogon analis.

Ferrugineus; thorax nigro vittatus; abdomen basi nigrum, segmentorum marginibus utringue albis; alæ flavescentes.

Asilus analis, *Fabr. Ent. Syst.* iv. 377, 4. *Meig. Klass. Zweifl.* i. 265, *a*.

Dasypogon analis, *Fabr. Syst. Antl.* 164, 1. *Meig. Zweifl.* ii. 263, 8. *Macq. Hist. Nat. Dipt.* i. 294, 4.

Italy.

Div. II. Tibiæ anticæ apice non calcaratæ.

Sub-div. I. Corpus elongatum.

Group 3. STENOPOGON.

Species gracillimæ, præ cæteris tantum pilosæ. Caput nonnihil altius quam latum. Facies minima, supra contracta, tuberculis magnis subcarinatis, postice extensis. Mystax setis validis, supra brevioribus, fere ad antennas ascendens. Frons æqualiter lata, at minima. Antennæ valde approximatæ, sat graciles; arista mediocriter longa, aut subelongata. Oculi valde elevati, non remoti. Proboscis præ cæteris robusta et porrecta. Thorax mediocriter gibbosus, pilis antice abbreviatis postice setis longis. Abdomen gracile, cylindricum, sat nudium. Pedes longi, sat graciles; femora plus minusve incrassata, subtus (antice præsertim) plus minusve setosa; tibiæ posticæ simplices, apice non incrassatæ. *Mas.*—Sexualia præ cæteris parva.

Stenopogon, *Loew, Linn. Ent.* ii. 453.

A. Corpus nigrum.
  A. Pedes rufi. - - - - - coracinus, *Loew.*
  B. Pedes nigri. - - - - - - milvus, *Loew.*
B. Corpus cinereum.
  A. Vena cubitalis et externo-media 1a valde convergentes. elongatus, *Meig.*
  B. Vena cubitalis et externo-media 1a parum convergentes. callosus, *Wied.*
C. Corpus flavo-cinereum.
  A. Antennæ nigræ. - - - - - ochreatus, *Loew.*
  B. Antennæ maxima ex parte rufæ. - sabaudus, *Fabr.*

11. Dasypogon coracinus.

Fœm. *Ater; pedes rufi; alæ nigricantes.*

Dasypogon coracinus, *Loew, Linn. Ent.* ii 454, 8.
Italy.

12. Dasypogon milvus.

Mas et Fœm. *Nigricans, cinereo pilosus; tibiæ basi tarsique badia; alæ obscure fuscæ.*

Dasypogon milvus, *Loew, Linn. Ent.* ii. 454, 9.
Rhodes. Isle of Leros.

13. Dasypogon elongatus.

Mas et Fœm. *Cinereus; alarum vena cubitalis et vena externo-media la apice valde convergentes.*

Dasypogon elongatus, *Meig.*
South Europe and Asia Minor.

14. Dasypogon callosus.

Mas. *Cinereus; alarum vena cubitalis et vena externo-media la apice parum convergentes.*

Asilus callosus, *Wied. Zool. Mag.* i. 2, 30. *Meig. Zweifl.* ii. 333, 42.
Dasypogon callosus, *Loew, Linn. Ent.* ii. 458, 11.
North and Southern Russia.

15. Dasypogon ochreatus.

Mas et Fœm. *Flavo-cinereus; antennæ nigræ; abdomen nigrum, maculis dorsalibus maximis rufo-ferrugineis.*

Dasypogon ochreatus, *Loew, Linn. Ent.* ii. 459, 12.
Greece. Asia Minor.

16. Dasypogon sabaudus.

Mas et Fœm. *Cinereo-flavus; antennæ maximæ ex parte rufæ; abdomen superius aurantiacum;* mas, *alarum angulus posterior albidus.*

Asilus sabaudus, *Fabr.*

South Europe.

Group 4. HABROPOGON.

Species minores, longæ, gracillimæ. Facies et frons mediocriter at omnino æqualiter latæ. Facies subtus nonnihil tumida, tuberculis propriis nullis. Mystax densus, albus, usque ad faciei mediam ascendens. Antennæ approximatæ, sat breves; arista mediocriter longa. Thorax sat convexus. Abdomen *fœminæ* præsertim elongatum et attenuatum. Pedes validiusculi; femora, necnon tibiæ posticæ apice subincrassata; femora subtus pilosa, non setosa; metatarsus anticus aut intermedius articulo 2o, 3o, aut 4o vix longior; metatarsus posticus articulis 2o 3oque conjunctis vix brevior; articulus 2us brevis, subincrassatus.

Habropogon, *Loew, Linn. Ent.* ii. 463.

17. Dasypogon exquisitus.

Mas et Fœm. *Thoracis dorsum fusco albidoque varium; femora satis incrassata.*

Dasypogon exquisitus, *Loew, Linn. Ent.* ii. 464, 14. *Meig. Zweifl.* ii. 267, 14, fœm.

Dasypogon rutilus, *Meig. Zweifl.* vii. 70, 46, mas.

Italy. Sicily. Spain.

18. Dasypogon longiventris.

Mas et Fœm. *Thoraæ fusco cinereoque varius; femora parum incrassata.*

Dasypogon longiventris, *Loew, Linn. Ent.* ii. 467, 15.

Asia Minor. Isles of Greece.

Group 5. XIPHOCERUS.

Species sat graciles. Corpus pubescens. Caput mediocriter crassum. Facies mediocriter et æqualiter lata, versus os nonnihil elevata, tuberculis nullis. Frons sat lata. Ocellorum tuberculi non bene determinati. Mystax densus, brevis, faciei partem inferiorem tantum occupans. Proboscis brevis, crassa, apice thoracem versus arcuata. Palpi articulo ultimo subincrassato. Antennæ longæ aut longissimæ; articulus 2us præ 1o brevissimus; 3us 1o 2oque conjunctis plus duplo longior, arista brevissima aut indistincta. Thorax mediocriter arcuatus. Abdomen cylindricum, postice non valde attenuatum. Pedes graciles, nudiusculi, setulæ longiores breves, raræ, apud tibias posticas tantum conspicuæ; metatarsus valde elongatus.

Xiphocerus, *Loew, Linn. Ent.* ii. 470.
Xiphocera, *Macq. Hist. Nat. Dipt.*

19. Dasypogon glaucius.

Mas et Fœm. *Abdominis segmenta omnia glauco fasciata, postice flavo marginata.* Mas.—*Nigricans; pedes concolores.* Fœm. —*Nigricans; thoracis margo lateralis pedesque rufo-testàcei.*

Asilus glaucius, *Rossi.*

Italy. Sicily. Albania. Siberia.

Group 6. HOLOPOGON.

Species parvæ, tenues. Corpus nigrum, tenuiter at comparate longe pilosum; abdominis dorsum omnino breviter pilosum. Caput præ cæteris mediocriter latum. Frons supra postice paullo latior. Vertex parum incrassata. Facies mediocriter et æqualiter lata, subconvexa, tuberculis nullis. Mystax usque ad antennas ascendens. Antennæ approximatæ, graciles; articuli 1us et 2us fere æquales; arista sat longa aut longissima. Thorax brevis, valde convexus, pulvereus. Pedes anteriores graciles, metatarso longiusculo; postice femoribus non incrassatis, tibiis valde clavatis, tarsis (metatarso præsertim) incrassatis. Femora tenuiter pilosa; tibiæ tarsique setis longioribus. *Mas.*—Abdomen magis cylindricum, sæpe nonnihil compressum. Sexualia parva. *Fœm.*—Abdomen nonnihil depressum.

Holopogon, *Loew, Linn. Ent.* ii. 474.

I. Alæ nigræ aut nigricantes.		
A. Alæ *maris* basi albæ.		
A. Abdomen *maris* omnino atrum.	-	nigripennis, *Meg.*
B. Abdomen postice tomento flavido-cinereo.		venustus, *Rossi.*
B. Alæ non basi albæ.		
A. Abdomen maculis flavo micantibus.	-	siculus, *Macq.*
B. Abdomen maculis nullis flavo micantibus.		
a. Thorax maculis duabus subcinereis.		dimidiatus, *Meig.*
b. Thorax maculis quatuor subcinereis.		
i. Thorax vitta media.	- - -	timidus, *Loew.*
ii. Thorax non vittatus.	- -	fumipennis, *Meig.*
B. Alæ hyalinæ, venis fusco limbatis.	-	Macquarti, *Perris.*
C. Alæ purissime hyalinæ.	- - - -	clavipes, *Loew.*

20. Dasypogon dimidiatus.

Mas et Fœm. *Niger, nitens, maculis duabus minutis in thoracis dorso interscapularibus cinerascentibus, interdum minus distinctis; alæ nigræ, apice hyalinæ.*

Dasypogon dimidiatus, *Meig. Zweifl.* ii. 280, 34, mas. *Loew, Linn. Ent.* ii. 474, 17.

Dasypogon fuscipennis, *Meig. Zweifl.* ii. 280, 35, fœm.

Italy. Sardinia. Austria.

21. Dasypogon timidus.

Mas. *Thorax linea longitudinali media, maculis duabus humeralibus alterisque lateralibus fusco-cinereis; alæ nigricantes, apice dilutiores.*

Dasypogon timidus, *Loew, Linn. Ent.* ii. 475, 18.

Italy.

22. Dasypogon nigripennis.

Mas et Fœm. *Alæ nigricantes.* Mas.—*Alæ basi albæ; abdomen omnino atrum.* Fœm.—*Thoracis dorsum maculis cinerascentibus interscapularibus postscapularibusque connexis.*

Dasypogon nigripennis, *Meg.* *Meig. Zweifl.* ii. 278, 29. *Germ. Faun. Ins.* ix. 23. *Loew, Isis*, 1840, 536, 2; *Linn. Ent.* ii. 476, 19.

Central Europe.

23. Dasypogon venustus.

Mas et Fœm. *Alæ nigræ.* Mas.—*Abdomen postice tomento flavido-cinereo tectum; alæ basi albæ.* Fœm.—*Thoracis dorsum maculis fusco-cinereis interscapularibus distinctissimis, postscapularibus nullis.*

Asilus venustus, *Rossi, Faun. Etrusc.* ii. 328, 1568, pl. 7, f. 7.
Asilus minutus, *Fabr. Ent. Syst.* iv. 390, 63. *Meig. Kluss. Zweifl.* i. 249, 6.
Dioctria minuta, *Fabr. Syst. Antl.* 152, 14.
Dasypogon Iris, *Meig. Klass. Zweifl.* i. 253, 5.
Dasypogon minutus, *Meig. Zweifl.* ii. 277, 28. *Macq. Dipt. Nord. Asil.* 26, 7; *Hist. Nat. Dipt.* i. 299, 23. *Loew, Linn. Ent.* ii. 479, 20.

France and Italy.

24. Dasypogon siculus.

Mas.—*Abdominis cingula 3um et 4um tomento flavo-cinereo vestita; alæ dilute cinereo-nigricantes.* Fœm.—*Thoracis dorsum antice lineolis quatuor cinerascentibus signatum; abdominis segmenta 3um et 4um maculis binis tomentosis flavo micantibus.*

Dasypogon siculus, *Macq. Hist. Nat. Dipt.* i. 300, 27. *Meig. Zweifl.* vii. 72, 49. *Loew, Linn. Ent.* ii. 481, 21.

Sicily.

25. Dasypogon fumipennis.

Mas et Fœm. *Thoracis dorsum maculis cinerascentibus interscapularibus postscapularibusque connexis.* Mas.—*Alæ dilutissime cinereo-nigricantes.* Fœm.—*Alæ dilute nigricantes.*

Dasypogon fumipennis, *Meg.* *Meig. Zweifl.* ii. 278, 30, fœm. *Macq. Hist. Nat. Dipt.* i. 299, 24. *Zell. Isis*, 1840, 45. *Loew, Linn. Ent.* ii. 482, 22.
Dasypogon albipilus, *Meig. Zweifl.* ii. 281, 36, mas.

Central and Southern Europe.

26. Dasypogon clavipes.

Mas et Fœm. *Alæ purissime hyalinæ.*

Dasypogon clavipes, *Loew, Isis*, 1840, 537, 4; *Linn. Ent.* ii. 486, 23.

Dasypogon pri[illegible]? *Meig. Zweifl.* ii. 279, 32.

Dasypogon lanige[illegible] *Zell. Isis*, 1840, 45.

Germany.

27. Dasypogon Macquarti.

Nigricans; caput cinereo-fuscum; mystax pilis nigris albis et rufescentibus; barba alba; thorax vittis tribus obscurioribus, lateribus cinereis; abdomen albo pilosum, segmentis cinereo-fasciatis; pedes albo pilosi, nigro spinosi; alæ hyalinæ, venis fusco limbatis; halteres albido-flavi.

Dasypogon Macquarti, *Perris, Ann. Soc. Linn. Lyon*, 1850—52 199.

Grandes-Landes, France.

Note.—This species may belong to some other group of Dasypogon.

Group 7. ERIOPOGON.

Aspectu Holopogoni nonnihil affinis; capitis structura omnino similis. Antennæ manifestæ graciliores; articulus 2us præ 1o brevissimus; 3us cum arista gracillimus. Species minores, pube tenui at densa et apud abdominis dorso longa vestitæ. Pedes structura gracili; tibiæ posticæ non clavatæ; tarsi postici vix incrassati. *Mas.*—Sexuali minima.

Eriopogon, *Loew, Linn. Ent.* ii. 487.

28. Dasypogon laniger.

Mas. *Abdomen undique longissime albo lanatum; alæ purissime hyalinæ.*

Dasypogon laniger, *Meig. Zweifl.* ii. 282, 39. *Loew, Linn. Ent.* ii. 487, 24.

Portugal.

Group 8. HETEROPOGON.

Species nigræ, mediocriter hirtæ, mediæ magnitudinis. Caput latissimum, brevissimum, non elevatum. Facies æqualiter et maxime lata, tuberculis nullis. Frons postice vix latescens sed apud verticem valde excavata, ocellarum tuberculis abrupte extantibus. Mystax peristomate fere usque ad antennas ascendens, setis longioribus et validioribus inferioribus, hirsutie tenui et non densissima superiori. Antennæ valde approximatæ; articuli 1us et 2us mediocres, æquales; 3us gracilis, arista longa acuta. Thorax brevis, fere gibbosus. Abdomen supra depressum fere nudum, fasciis ferrugineis plus minusve latis. Pedes mediocriter graciles et setosi; femora non incrassata; tibiæ posticæ apice crassæ; tarsi postici anticis paullo breviores; metatarsus elongatus. *Mas.* — Tibiæ intermediæ et tarsi antici hirsutie propria ornata.

Heteropogon, *Loew, Linn. Ent.* ii. 488.

A. Alæ infuscatæ, margine antico flavo. - manicatus, *Meig.*
B. Alæ æqualiter nigræ. - - - - scoparius, *Loew.*
C. Alæ subhyalinæ, venis nigro limbatis. - succinctus, *Loew.*

29. Dasypogon manicatus.

Mas et Fœm. *Alæ infuscatæ, margine anteriore flavo.* Mas.— *Metatarsi antici niveo pilosi.*

Dasypogon manicatus, *Meig. Zweifl.* ii. 268,.16. *Macq. Hist. Nat. Dipt.* i. 296, 13. *Loew, Linn. Ent.* ii. 488, 25.

France. Piedmont.

30. Dasypogon scoparius.

Mas et Fœm. *Alæ æqualiter nigræ.* Mas.—*Tarsi antici articulis 2o, 3o et 4o extus niveo pilosi.*

Dasypogon scoparius, *Loew, Linn. Ent.* ii. 489, 26.

Mermeriza, Asia Minor.

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31. Dasypogon succinctus.

Fœm. *Thoracis dorsum antice brevissime pilosum; alæ subhyalinæ, venis distinctissime nigro limbatis.*

Dasypogon succinctus, *Loew*, *Linn. Ent.* ii. 91, 27.
Brusa, Asia Minor.

Group 9. ISOPOGON.

Caput inferum, brevissimum, latissimum. Facies æqualiter et maxime lata, tuberculis nullis. Frons postice vix latior, apud verticem valde excavata, ocellarum tuberculis abrupte extantibus. Mystax pilis structura omnino æqualibus, fere ad antennas ascendentibus, supra vix densis. Antennæ approximatæ; articuli 1us et 2us æquales, breves; 3us gracilis, arista longa. Thorax brevis, altissimus. Abdomen hirsutie brevissima. Pedes mediocriter graciles; femora postica anticis nonnihil crassiora; metatarsus plus minusve incrassatus. *Mas.*—Sexualia parva. *Fœm.*—Abdominis segmentum 5um acuminatum; 6um, 7um et 8um minima, oviductum porrectum fingentes.

Leptarthrus, *Steph.*
Isopogon, *Loew*, *Linn. Ent.* ii. 492.

32. Dasypogon brevirostris.

Mas et Fœm. *Mystax niger.* Mas.—*Metatarsus posticus articulis sequentibus conjunctis multo longior.*

Dasypogon brevirostris, *Meig.*
North and Central Europe.

33. Dasypogon vitripennis.

Mas. *Metatarsus posticus articulis sequentibus conjunctis vix æqualis.* Fœm.—*Mystax tenuis, flavido-cinereus.*

Asilus hottentottus? *Fabr. Ent. Syst.* iv. 388, 7. *Meig. Klass. Zweifl.* i. 270.

Dioctria hottentotta? *Fabr. Syst. Antl.* 151, 7.
Dioctria hyalipennis, *Meig. Klass. Zweifl.* i. 255, 2.
Dasypogon vitripennis, *Meig. Zweifl.* ii. 274, 25. *Zett. Dipt. Scand.* i. 180, 5. *Loew, Linn. Ent.* ii. 495, 29.

North and Central Europe.

Group 10. OLIGOPOGON.

Corporis statura Hybоti et Dioctriæ similis. Caput præsertim humile et latum, fere ut in Discocephala at paullo longius. Facies æqualiter et mediocriter lata, subconvexa, tuberculis nullis. Frons postice vix latescens, apud verticem valde excavata; ocellarum tuberculi valde extantes. Mystax ad faciem mediam ascendens, setis paucis et mediocriter validis. Antennæ valde approximatæ; articuli 1us et 2us brevissimi, fere æquales; 3us gracilis, arista mediocriter longa, pilis validis vestita. Proboscis porrecta, mediocriter longa. Thorax valde convexus, breviter et rare pilosus. Abdomen depresso-cylindricum, gracile, fere nudum. Pedes sat graciles; postici femoribus subincrassatis, tibiis subclavatis; metatarsus nonnihil elongatus. *Mas.*—Sexualia parva.

Oligopogon, *Loew, Linn. Ent.* ii. 497.

34. Dasypogon hybotinus.

Mas et Fœm. *Niger, nitidus; alæ limpidæ; tibiæ ferrugineæ, apice nigro-fuscæ.*

Dasypogon hybotinus, *Loew, Linn. Ent.* ii. 498, 30.

Isle of Rhodes.

Group 11. STICHOPOGON.

Species elongatæ, depressæ, nudiusculæ, plerumque mediocres. Facies brevissima, mediocriter lata, supra nonnihil contracta, tuberculis nullis. Frons supra inusitate dilatata, antice subrotundata, ocellarum tuberculis vix elevatis. Peristoma magnum, rotundatum. Mystax deflexus, apud peristoma angustatus, apud faciem nonnunquam pilis raris longioribus. Oculi valde extantes, speculis

plurimis anticis majoribus. Palpi graciles, nudi. Antennæ approximatæ; articuli 1us et 2us æquales, breves; 3us mediocris; arista biarticulata, articulo 1o sat longo, cylindrico, 2o breviori setiformi. Thorax valde depressus. Abdomen depressum, gracile. Pedes sat graciles, nudi; tibiæ tarsique setis longis; femora anteriora posticis validiora, plerumque sat distincte incrassata; metatarsus non incrassatus, articulo 2o in tarsis anterioribus paullo longior, in posticis æqualis. *Mas.*—Sexualia mediocriter magna; pars superior scutelliformis, inferiorem tegens. *Fœm.*—Sexualia lamellis duabus acuminatis structura dissimilibus.

Stichopogon, *Loew*, *Linn. Ent.* ii. 499.

A. Antennæ testaceæ. - - - - - scaliger, *Loew.*
B. Antennæ nigræ.
A. Abdomen fasciis æqualibus. - - - tener, *Loew.*
B. Abdomen fasciis inæqualibus.
a. Mystax albus. - - - - - inæqualis, *Loew.*
b. Mystax niger. - - - - nigrifrons, *Loew.*

35. Dasypogon scaliger.

Mas et Fœm. *Antennæ testaceæ; abdomen fasciis æqualibus albo-cinereis.*

Dasypogon elegantulus, *Mas.? Meig. Zweifl.* ii. 270, 18.
Dasypogon scaliger, *Loew*, *Linn. Ent.* ii. 501, 36.

Italy. South Russia.

36. Dasypogon tener.

Mas et Fœm. *Antennæ nigræ; abdomen fasciis æqualibus albidis.*

Dasypogon elegantulus, *Mas.? Meig. Zweifl.* ii. 270, 18.
Dasypogon tener, *Loew*, *Linn. Ent.* ii. 503, 32.

Patara and Xanthus in Asia Minor.

37. Dasypogon inæqualis.

Mas et Fœm. *Mystax albus; antennæ nigræ; abdomen fasciis inæqualibus albis.*

Dasypogon elegantulus, *Fœm.*, *Meig. Zweifl.* ii. 270, 18.
Dasypogon inæqualis, *Loew*, *Linn. Ent.* ii. 505, 33.

Portugal. Patara and Xanthus in Asia Minor.

38. Dasypogon nigrifrons.

Fœm. *Mystax niger; abdomen fasciis inæqualibus cinerascentibus.*

Dasypogon nigrifrons, *Loew*, *Linn. Ent.* ii. 506, 34.

Mermeriza, Asia Minor.

Group 12. LASIOPOGON.

Species nigræ, sat elongatæ, mediocriter magnæ et pilosæ, abdominis incisuris albidis. Caput mediocriter latum, non brevissimum. Facies lata, supra distincte angusta, tuberculis inferioribus magnis. Frons lata, supra dilatata, sulcis tribus parallelis profundis; ocellarum tuberculi parum elevati. Mystax longus, hirsutissimus, facici tuberculos omnino tegens. Palpi nudi. Antennæ sat approximatæ; articuli 1us et 2us breves; 2us 1o brevior; 3us mediocris; arista mediocriter longa, plerumque pilosa, articulo 2o setiformi. Thorax subconvexus, mediocriter pilosus. Abdomen depresso-cylindricum, nudiusculum. Pedes sat graciles, postici anticis vix longiores, femora postica anticis paullo graciliora; metatarsus articulo 2o duplo longior; tibiæ tarsique setis validis mediocriter longis. *Mas.*—Abdominis segmenta apicem versus brevia; sexualia magna, forcipibus magnis. *Fœm.* — Abdominis segmenta apicem versus abbreviata; lamellæ inferiores approximatæ, apice rotundatæ.

Lasiopogon, *Loew*, *Linn. Ent.* ii. 508.

A. Antennæ omnino nigræ.
A. Arista nuda. - - - - - - cinctus, *Fabr.*
B. Arista piligera. - - - - - - pilosellus, *Loew.*
B. Antennarum articulus 3us basi flavicans. - tarsalis, *Loew.*

39. Dasypogon cinctus.

Mas et Fœm. *Antennæ nigræ, arista nuda ; pedes nigri.*

Asilus cinctus, *Fabr. Sp. Ins.* ii. 465, 29 ; *Ent. Syst.* iv. 387, 51. *Gmel. Ed. Syst. Nat.* i. 5, 2899, 36.
Dasypogon cinctus, *Meig. Klass. Zweifl.* i. 252, 4. *Zell. Isis*, 1840, 45. *Zett. Dipt. Scand.* i. 177, 1. *Loew, Linn. Ent.* ii. 509, 35.
Dasypogon hirtellus, *Fall. Dipt. Asil.* ii. 1. *Macq. Dipt. Nord. Fr. Asil.* 25, 5 ; *Hist. Nat. Dipt.* i. 298, 19. *Zett. Ins. Lapp.* 506.
Dasypogon cinctellus, *Meig. Zweifl.* ii. 272, 22. *Macq. Hist. Nat. Dipt.* i. 297, 8. *Loew, Isis*, 1840, 536, 1.
North, Central and Southern Europe.

40. Dasypogon pilosellus.

Mas et Fœm. *Antennæ nigræ, arista piligera ; pedes nigri.*

Dasypogon hirtellus? *Meig. Zweifl.* ii. 273, 23.
Dasypogon pilosellus, *Loew, Linn. Ent.* ii. 511, 36.
Ephesus, Asia Minor.

41. Dasypogon tarsalis.

Mas et Fœm. *Antennæ nigræ, articulo 3o basi flavicante ; pedes nigri, tarsis fuscescentibus.*

Dasypogon tarsalis, *Loew, Linn. Ent.* ii. 513, 37.
Ephesus, Asia Minor.

Group 13. CYRTOPOGON.

Species dense hirtæ, statura mediocri aut paullo majores. Caput latum, sat humile. Facies lata, supra vix contracta, tuberculis magnis omnino occupata. Frons supra paullo latius, apud verticem manifeste excavata, ocellorum tuberculis sat extantibus dense hirtis. *Mystax* densus, fere ad antennas ascendens. Antennæ approximatæ; articuli 1us et 2us breves; 3us sat gracilis, arista valida longa. Thorax valde convexus, pube densa at tenui, semper lineis distinctis, delineatione plerumque figuram 5 duplicatam fingente. Abdominis segmenta intermedia lineis posticis transversis albidis. Pedes sat graciles; postici anterioribus paullo longiores et crassiores; femora valde hirta; tibiæ setis plurimis robustis aut hirsutie longiore; metatarsus elongatus. *Mas.*—Abdomen cylindricum, postice subattenuatum; sexualia brevia, crassa, sat magna. Tarsi antici plerumque validi et elongati. *Fœm.*—Abdomen latius magisque depressum. Sexualia lamellis subtus distinctis nullis.

Cyrtopogon, *Loew*, *Linn. Ent.* ii. 516.

A. Antennarum articulus 3us fulvo tomentosus. ruficornis, *Fabr.*
B. Antennarum articulus 3us luteus. - - luteicornis, *Zett.*
C. Antennæ nigræ.
A. Corpus nigrum.
a. Mystax omnino niger. Alæ *maris* nigricantes. lateralis, *Fall.*
b. Mystax *fœminæ* intus pallidus. Alæ *maris* macula nigra. maculipennis, *Macq.*
c. Mystax *maris* intus niger, extus albidus. Alæ limpidæ. flavimanus, *Meig.*
B. Corpus cinereum. - - - - lapponicus, *Zett.*

42. Dasypogon ruficornis.

Mas et Fœm. *Niger; antennarum articulus 3us abdominisque segmenta media fulvo tomentosa; tibiæ tarsique ferruginea; alæ limpidæ, costa apiceque fusco-cinereis.*

Asilus ruficornis, *Fabr. Ent. Syst.* iv. 380, 20; *Syst. Antl.* 155, 9. *Meig. Klass. Zweifl.* i. 266.

Dasypogon ruficornis, *Meig. Zweifl.* ii. 269, 17. *Macq. Hist. Nat. Dipt.* i. 296, 14. *Zell. Isis*, 1840, 44. *Loew, Linn. Ent.* ii. 517, 38.

Central Europe.

43. Dasypogon maculipennis.

Mas et Fœm. *Niger, nitidus; tibiæ tarsique ferruginea.* Mas.—*Abdominis latera albo lineolata; alæ macula magna subapicali nigra, alteraque ad marginem posteriorem minore.* Fœm.—*Mystax intus pallidus, extus niger; abdominis latera albido lineolata.*

Dasypogon flavimanus, *Fœm., Meig. Zweifl.* ii. 271, 20.
Dasypogon maculipennis, *Macq. Hist. Nat. Dipt.* i. 296, 15. *Meig. Zweifl.* vii. 72, 50. *Loew, Linn. Ent.* ii. 519, 39.
Dasypogon litura, *Zell. Ent. Zeit. Stett.* 1841, 180.

Central and Southern Europe.

44. Dasypogon flavimanus.

Mas. *Niger; mystax intus niger, extus albidus; abdominis latera albido lineolata; tarsi ferruginei; alæ limpidæ, costa apiceque fusco-cinereis.*

Dasypogon flavimanus, *Mas., Meig. Zweifl.* ii. 271, 20. *Macq. Hist. Nat. Dipt.* i. 297, 16. *Loew, Linn. Ent.* ii. 521, 40.

Southern Europe.

45. Dasypogon lateralis.

Mas et Fœm. *Niger; mystax omnino niger.* Mas.—*Abdominis segmenta 2um et 3um pallide pollinosa; alæ nigricantes.* Fœm.—*Abdominis latera albo lineolata; alæ cinereæ.*

Dasypogon lateralis, *Fall. Dipt. Suec. Asil.* 12, 2. *Meig. Zweifl.* ii. 276, 27. *Macq. Hist. Nat. Dipt.* i. 298, 21. *Zett. Ins. Lapp.* 509, 2, Var. *a. Zett. Dipt. Scand.* i. 177, 2. *Loew, Linn. Ent.* ii. 523, 41.

North and Central Europe.

46. Dasypogon lapponicus.

Mas et Fœm. *Obscure cinereus; facies fere tota nigro mystacina; barba nivea; thorax vitta media duplicata maculaque utrinque didyma, obscure fuscis; abdomen nigrum nitidum, segmentorum 2i et 3i incisuris, 4i et 5i lineola laterali transversa, albis, ventre basi albo villoso; pedes nigri nitidi, femoribus subtus albo villosis, tibiis tarsisque nigro spinulosis.*

Dasypogon lapponicus, *Zett. Ins. Lapp.* 509, 3; *Dipt. Scand.* i. 178, 3.

Dasypogon lateralis, Var. β. *Fœm., Zett. Ins. Lapp.*

Lapland.

47. Dasypogon luteicornis.

Fœm. *Niger; facies subconvexa cinerascens; mystax albidus, supra et infra parce niger; barba alba; antennarum articulus 3us luteus; thorax obscure cinerascens, lineis 2 mediis maculisque lateralibus nigricantibus; abdomen utrinque lineis 4 transversis albis; alæ infuscatæ, basi hyalinæ; tibiæ tarsique rufo-ferruginea.*

Dasypogon luteicornis, *Zett. Dipt. Scand.* i. 179, 4.

Group 14. ANAROLIUS.

Corpus nonnihil contractum. Caput latum, vix altum. Facies lata, supra subcontracta, tuberculis magnis omnino occupata. Frons supra latescens, apud verticem excavata, ocellorum tuberculis elevatis hirtis. Mystax fere ad antennas ascendens. Antennæ remotæ; articuli 1us et 2us breves, hirsutissimi; 3us gracilis, arista longa. Thoracis hirsuties cristam fingens. Abdomen pilis longis densisque vestitum, lateribus subcompressis. Pedes sat graciles, valde pilosi et setosi; tarsi graciles; metatarsus distincte elongatus; ungues longi et graciles. *Mas.*—Abdomen sat cylindricum; sexualia parva. *Fem.*—Abdomen magis acuminatum, lamellis subtus nullis.

Anarolius, *Loew, Ent. Zeit. Stett.* 1844, 165; *Linn. Ent.* ii. 524.

48. Dasypogon jubatus.

Mas et Fœm. *Niger; mystax supra niger, subtus niveus; alæ hyalinæ, basi costaque fuscescentibus, venis transversis fusco limbatis.*

Anarolius jubatus, *Loew, Ent. Zeit. Stett.* v. 165, pl. 2, f. 22—25.
Dasypogon jubatus, *Loew, Linn. Ent.* ii. 525, 42.

Mermeriza and Ephesus, Asia Minor.

Group 15. ACNEPHALUM.

Corpus latum, dense hirtum. Caput latum, sat humile. Mystax densus, fere ad antennas ascendens. Antennarum articuli 1us et 2us breves; 3us gracillimus, longissimus, arista longa nuda. Thorax sat convexus. Abdomen subdepressum, basi apiceque arcuatum. Sexualia occulta. Pedes hirsutissimi, onychiis nullis. Alarum vena mediastinalis subcostali disjuncta.

Acnephalum, *Macq. Dipt. Exot.* i. 2, 51. *Loew, Linn. Ent.* ii. 525.

49. Dasypogon Olivieri.

Ater, albido hirsutus; alæ flavescentes; venæ cubitalis furca antica ramulum nullum rejiciens; veniæ externo-mediæ 3a et 4a prope marginem posticum conjunctæ.

Acnephalum Olivierii, *Macq. Dipt. Exot.* i. 2, 51, 1.
Dasypogon Olivieri, *Loew, Linn. Ent.* ii. 526, 43.

Isle of Naxos.

Group 16. PYCNOPOGON.

Species latæ, dense hirtæ. Caput latum, brevissimum, sat humile. Facies lata, convexa, supra non angustata, tuberculis nullis. Frons supra paullo latior, apud verticem valde excavata, ocellorum tuberculis valde excavatis, mystax densissimus, faciei longitudinem occupans. Antennæ gracillimæ, arista longa tenui nuda. Thorax brevis, subquadratus, sat convexus. Abdomen latissimum,

depressum, distincte punctatum, hirsutie supra brevi, lateribus fasciculata, subtus longiore et densiore. Pedes sat robusti, hirsutie longiore et densiore, setisque nonnullis; metatarsus paullo elongatus; onychia distincta.

Pycnopogon, *Loew*, *Linn. Ent.* ii. 526.

A. Venæ cubitalis furca antica ramulum rejiciens.
  A. Alæ hyalinæ, apice cinereo-fuscescentes. fasciculatus, *Loew.*
  B. Alæ pure hyalinæ. - - - - apiformis, *Loew.*
B. Venæ cubitalis furca antica ramulum non rejiciens.
  A. Abdomen confertissime punctulatum. - mixtus, *Loew.*
  B. Abdomen parce punctulatum. - anthophorinus, *Loew*

50. Dasypogon fasciculatus.

Mas et Fœm. *Niger; alæ hyalinæ, apice cinereo-fuscescentes; venæ cubitalis furca antica ramulum rejiciens.*

Dasypogon fasciculatus, *Loew*, *Linn. Ent.* ii. 527, 44.

Syracuse.

a. Algeria. From M. Parzudaki's collection.

51. Dasypogon apiformis.

Mas et Fœm. *Niger, flavo pilosus; femora antica nigro pilosa; alæ pure hyalinæ; venæ cubitalis furca antica ramulum rejiciens.*

Dasypogon apiformis, *Loew*, *Linn. Ent.* ii. 529, 45.

Asia Minor and the Isles of Greece.

52. Dasypogon mixtus.

Mas. *Niger, albo pilosus; abdomen confertissime punctulatum, lateribus setigeris; venæ cubitalis furca antica ramulum non rejiciens.*

Dasypogon mixtus, *Loew*, *Linn. Ent.* ii. 231, 46.

Makri, Asia Minor.

53. Dasypogon anthophorinus.

Fœm. *Niger, albido pilosus; abdomen parce punctulatum, lateribus non setigeris; venæ cubitalis furca antica ramulum non rejiciens.*

Dasypogon anthophorinus, *Loew, Linn. Ent.* ii. 532, 47.
Dasypogon mixtus, *Fœm.?*
Isle of Stanchio.

Group 17. CROBILOCERUS.

Species latæ, dense hirtæ. Caput latum, sat humile et breve. Facies lata, supra non angustata, convexa, tuberculis tamen nullis. Frons supra paullo latius, apud verticem valde excavata, ocellorum tuberculis valde elevatis. Mystax densissimus, faciei longitudinem occupans. Antennæ graciles; arista brevis, crassa, apice fasciculata. Thorax brevis, subquadratus, valde convexus. Abdomen latissimum, depressum, distincte punctatum, hirsutie supra brevi, lateribus fasciculata, subtus longiore et densiore. Pedes sat robusti, hirsutie densa setisque nonnullis longioribus; metatarsus vix elongatus, posticus subtus nonnihil arcuatus; onychia distincta.

Crobilocerus, *Loew, Linn. Ent.* ii. 533.

54. Dasypogon megilliformis.

Mas et Fœm. *Niger; alæ subfuscescentes.*

Dasypogon megilliformis, *Loew, Linn. Ent.* ii. 534, 48.
Asia Minor.

Group 18. APOGON.

Caput mystace barbaque nullis. Frons angusta. Antennæ triarticulatæ; articulus 1us cylindricus; 2us cyathiformis; 3us conicus, planus, arista longiore pubescente terminatus. Pedes spinulis minimis armati; tibiæ anticæ spina interna apicali, posteriores spinis duabus apicalibus; metatarsi articulis sequentibus quatuor conjunctis longiores; onychia et ungues parva.

Apogon, *Perris, Ann. Soc. Linn. Lyon.* 1850—52, 198 (1852).

55. Dasypogon Dufourii.

Fulvo-rufescens; facies alba, proboscide palpisque fulvis; antennæ testaceæ, arista nigricante; thorax vittis tribus dorsalibus, maculis duabus lateralibus maculaque subscutellari nigris; abdominis segmenta e maculis tribus nigris subfusciata; halteres fusco lividi; pedes testacei, femoribus tibiisque apice tarsisque fuscescentibus, metatarsis posticis albidis.

Apogon Dufourii, *Perris, Ann. Soc. Linn. Lyon.* 1850—52, 198.

Grandes-Landes, France.

Group —— ?

A. Thorax niger, non vittatus.
  A. Thoracis latera alba.
    a. Facies alba. - - - - - - senex, *Duf.*
    b. Facies flavo-alba. - - - - rufipes, *Gimm.*
    c. Facies aurulenta. - - - - auribarbis, *Meig.*
  B. Thoracis latera cinerea. - - - - brunnipes, *Meig.*
  C. Thoracis latera ferruginea. - - - liburnicus, *Germ.*
B. Thorax cinereo-niger. - - - - - ripicola, *Duf.*
  D. Thoracis latera nigra.
    a. Abdomen albo fasciatum.
      a. Abdomen fasciis tribus apiceque canis. arcuatus, *Fabr.*
      b. Abdominis segmenta albo marginata. albo-fasciatus, *Meig.*
    b. Abdomen albo non fasciatum. - - Fabricii, *Meig.*
B. Thorax niger, vittis fuscis. - - - brevipennis, *Hoffm.*
C. Thorax niger, fulvo vittatus. - - - junceus, *Hoffm.*
D. Thorax cinereus, nigro vittatus.
  A. Antennæ nigræ. - - - - fimbriatus, *Meig.*
  B. Antennarum articulus 3us fulvus. - fulvicornis, *Macq.*
E. Thorax subcinereus, rufo villosus.
  A. Alæ fumosæ, costa rufo-testacea. - - nigriventris, *Duf.*
  B. Alæ dilute fuscæ. - - - - xanthotrichus, *Brullé.*
F. Thorax albus nigro vittatus. - - - melaleucus, *Meig.*
G. Thorax flavicante hirtus, nigro bivittatus. - nubilus, *Hoffm.*
H. Thorax rufus, nigro vittatus. - - - - elatus, *Meig.*
I. Thorax ferrugineus. - - - - - tristis, *Meig.*
J. Thorax fuscus. - - - - - albibarbis, *Macq.*

56. Dasypogon senex.

Niger, glaber; facies barbaque albidæ; thorax limbo scutelloque albido sericeis; abdomen fasciis quatuor dorsalibus rufo-lutescentibus; pedes rufo-lutescentes; alæ dimidiato fumosæ.

Dasypogon senex, *Léon-Duf. Ann. Sci. Nat.* xxx. 215, 7.

Navarre, Spain.

57. Dasypogon rufipes.

Niger; facies flavo-alba; antennæ et pedes rufa; thorax anterior limbo albo; abdominis segmenta 2um, 3um et 4um lineolis lateralibus albis; alæ flavo-fuscescentes.

Dasypogon rufipes, *Gimm. Bull. Soc. Imp. Nat. Mosc.* 1847, 3, 159, 6.

South Russia?

58. Dasypogon auribarbis.

Niger, nitidus; facies aurulenta; mystax aurulentus, pilis nonnullis nigris; thorax maculis duabus anticis cinereis; pectoris et abdominis latera albo hirta; alæ dilute fuscæ; halteres fusci, apice flavi.

Dasypogon auribarbis, *Meig. Zweifl.* ii. 279, 31.

South France. Austria.

59. Dasypogon brunnipes.

Niger, nitidus; facies et mystax flava; thorax maculis duabus anticis cinereis; pectoris latera cinerea; pedes ferruginei; alæ hyalinæ; halteres flavi.

Dasypogon brunnipes, *Meig. Zweifl.* ii. 279, 33.

Austria.

60. Dasypogon liburnicus.

Niger; thoracis margines ferruginei, orichalceo micantes; abdomen maculis lateralibus albidis; pedes ferruginei, femoribus supra nigris; alæ flavescentes, venis apice fusco marginatis.

Dasypogon liburnicus, *Germar. Meig. Zweifl.* ii. 282, 40.
Italy.

61. Dasypogon ripicola.

Cinereo-niger, glaber; barba atra; antennarum articulus 3us apice stylifer; abdomen atrum segmentis 4o, 5o, ultimoque supra argenteo micantibus; alæ hyalinæ.

Dasypogon ripicola, *Léon-Duf. Ann. Sci. Nat.* xxx. 216, 9.
Logronna, by the Ebro, Spain.

62. Dasypogon arcuatus.

Niger, hirtus, parvus; abdominis segmenta albo marginata.

Asilus arcuatus, *Fabr. Ent. Syst.* iv. 387, 50. *Meig. Klass. Zweifl.* 270, p.
Dasypogon arcuatus, *Fabr. Syst. Antl.* 172, 39. *Meig. Zweifl.* ii. 285, 44.
Italy.

63. Dasypogon albo-fasciatus.

Niger; abdomen albo-fasciatum; alæ fere limpidæ, halteres flavi.

Dasypogon albo-fasciatus, *Meig. Zweifl.* ii. 281, 37.
Austria.

64. Dasypogon Fabricii.

Niger; tibiæ posteriores basi rufescentes; alæ hyalinæ, apice subfuscescente cinereæ; halteres albido-fuscescentes.

Dasypogon Fabricii, *Meig. Zweifl.* ii. 270, 19.
Italy.

65. Dasypogon brevipennis.

Fusco-cinerascens; thorax vittis quatuor fuscescentibus; abdomen et pedes badia, illum alis triente longius; alæ strigis flavescente-cinereis.

Dasypogon brevipennis, *Hoffm. Meig. Zweifl.* ii. 267, 13.
Portugal.

66. Dasypogon junceus.

Nigricans; thorax fulvo vittatus; abdomen fulvo fasciatum; pedes fulvi, femoribus nigris, anterioribus extus subtusque fulvis; alæ limpidæ, venis subflavescente limbatis.

Dasypogon junceus, *Hoffm. Meig. Zweifl.* ii. 266, 12. *Macq. Hist. Nat. Dipt.* i. 296, 12.
South France.

67. Dasypogon fimbriatus.

Cinereus; thorax lineis maculisque nigricantibus; abdomen nigrum, incisuris utrinque albo maculatis; alæ subcinereæ; halteres sordide albidi.

Dasypogon fimbriatus, *Meig. Zweifl.* ii. 272, 21. *Macq. Hist. Nat. Dipt.* i. 297, 17.
South France.

68. Dasypogon fulvicornis.

Mas et Fœm. *Niger; frons cinerea; mystax niger; antennarum articulus 3us fulvus, basi niger; thorax fasciis glauco-cinereis.* Mas.—*Alæ fuscæ basi subhyalinæ.* Fœm.—*Abdomen punctis lateralibus; alæ hyalinæ.*

Dasypogon fulvicornis, *Macq. Hist. Nat. Dipt.* i. 296, 15.
France.

69. DASYPOGON NIGRIVENTRIS.

Rufo villosus; thorax subcinereus; abdomen apice et subtus atrum; tibiæ tarsique postica extus hirsutissima; alæ fumosæ, costa rufo-testacea.

Dasypogon nigriventris, *Léon-Duf. Ann. Sci. Nat.* xxx. 216, 8.
Madrid, Spain.

70. DASYPOGON XANTHOTRICHUS.

Fœm. *Niger, rufo pilosus; mystax, antennæ basi, abdomen supra, femora apice, tibiæ tarsique rufa; alæ dilute fuscæ.*

Dasypogon xanthotrichus, *Brullé, Expéd. Scient. de Morée*, iii. 1, 294, 633, pl. 46, f. 5.
Carithena.

71. DASYPOGON MELALEUCUS.

Niger, albo lanatus; thorax albus, nigro trivittatus; abdomen nigro alboque fasciatum; alæ hyalinæ; halteres flavi.

Dasypogon melaleucus, *Meig. Zweifl.* ii. 281, 38. *Macq. Hist. Nat. Dipt.* i. 299, 26.
South France.

72. DASYPOGON NUBILUS.

Niger; thorax flavicante hirtus, nigro bivittatus; abdomen maculis lateralibus et marginibus subcinereis; pedes nigro-picei; alæ fusco nubilæ.

Dasypogon nubilus, *Hoffm. Meig. Zweifl.* ii. 268, 15.
Portugal.

73. Dasypogon elatus.

Niger; thorax rufus, nigro trivittatus; abdominis latera nigro vittata; tibiæ fulvæ, apice nigræ; tarsi basi nigri; alæ hyalinæ, basi subfusco-flavæ; halteres fulvi.

Dasypogon elatus, *Meig. Zweifl.* ii. 275, 26.

Austria.

74. Dasypogon tristis.

Niger; caput, thorax abdominisque fasciæ tres ferruginea; pedes fulvi; alæ fuscæ.

Dasypogon tristis, *Meig. Zweifl.* ii. 264, 9.

Hungary.

75. Dasypogon albibarbis.

Mas. *Fuscus, hirtus; antennæ et abdomen rufa, hujus latera albido maculata; pedes castaneis, femoribus tibiisque posticis intus nigris; alæ flavescente-cinereæ.*

Dasypogon albibarbis, *Macq. Dipt. Exot.* i. 2, 193.

Allied to D. striatus, *Fabr.*

Roumelia.

Europe?

76. Dasypogon castaneicornis.

Fœm. *Fuscus; antennæ castaneæ; thorax cinereo-fulvus, fusco vittatus; abdomen castaneum, albido fasciatum; pedes fulvi; alæ flavescentes.*

Dasypogon castaneicornis, *Macq. Dipt. Exot.* i. 2, 40, 18.

Siberia.

77. DASYPOGON VARIEGATUS.

Niger; abdomen incisuris flavis, segmentis utrinque albo maculatis; pedes rubidi; alæ subflavescentes.

Dasypogon variegatus, *Wied. Zool. Mag.* ii. 32; *Dipt. Exot.* i. 126, 22; *Auss. Zweifl.* i. 396, 48.

Siberia.

South Russia.

78. DASYPOGON PYRRHOMUS.

Saturate flavus; thorax fuscano vittatus; abdomen fusco limbatum; alæ flavido-cinereæ, ad costam fulvæ.

Dasypogon pyrrhomus, *Wied. Zool. Mag.* ii. 33; *Dipt. Exot.* i. 218, 7; *Auss. Zweifl.* i. 380, 23.

South Russia.

79. DASYPOGON PALLASII.

Niger, cinereo hirtus; abdomen fasciis latis obsolete albidis; pedes flavi, tarsis nigris; alæ basi flavescentes.

Dasypogon Pallasii, *Wied. Auss. Zweifl.* i. 403, 60.

South Russia.

Georgia.

80. DASYPOGON KOLENATI.

Nigricans, rufo pilosus; antennarum articuli duo; pedes et alæ rufa.

Dasypogon Kolenati, *Gimm. Bull. Soc. Imp. Nat. Mosc.* xx. 1847, 3, 159, 5.

Tiflis.

North America.

Div. I. Tibiæ anticæ calcaratæ.

Group 1.

Corpus magnum, elongatum, fere nudum. Facies plana. Mystax setis nonnullis pallidis. Antennarum sat longæ; articuli 1us et 2us subæquales, 3us longissime fusiformis, 1o et 2o conjunctim paullo longior.

D. brunneus. Antennarum articulus 3us subclavatus, articulis 1o et 2o conjunctim non longior.

Forks of the cubital vein slightly curved, their base opposite the end of the discal areolet. First and second externo-medial veins proceeding direct to the border; third united to the fourth at some distance from the border. Subanal near the anal on the border. Discal areolet very long, slightly widening outward.

Type D. Herennius.

A. Thorax bivittatus. - - - - - basalis, *Walk.*
B. Thorax trivittatus.
A. Femora fulva aut fusca.
a. Alæ fuscæ. - - - - - Herennius, *Walk.*
b. Alæ limpidæ. - - - - - brunneus, *Fabr.*
B. Femora nigra. - - - - - - politus, *Say.*

81. Dasypogon basalis.

Dasypogon basalis, *Diptera Saundersiana*, Pt. 2, 95.
United States.

82. Dasypogon Herennius.

Dasypogon Herennius, *Cat. of Diptera*, 2, 339.

83. Dasypogon brunneus.

Thorax subaurarius, nigro vittatus; abdomen ferrugineum, lateribus fuscis, marginibus flavis; pedes fulvi, femoribus tibiisque posticis nonnunquam fuscis; alæ limpidæ, apicibus marginibusque posticis subcinereis.

Dasypogon brunneus, *Fabr.* *Macq. Dipt. Exot.* i. 2, 34, 4.

Philadelphia. Cayenne.

84. Dasypogon politus.

Fœm. *Fulvus; antennæ nigræ; thorax fusco vittatus; abdomen scoriaceum; pedes nigri; alæ dimidio apicali fuscæ.*

Dasypogon politus, *Say, Journ. Acad. Philad.* iii. 52, 5. *Wied. Auss. Zweifl.* i. 405, 63.

Pennsylvania. Maryland.

Group 2.

Corpus mediocre. Caput et thorax pilosa. Caput thorace fere latius. Facies plana. Mystax pilis nonnullis pallidis. Antennarum articulus 1us linearis; 2us subrotundus, 1o multo brevior; 3us arista brevi, 1o et 2o conjunctim multo longior. Abdomen depressum. Tibiæ anticæ calcaribus brevissimis. Alæ maculatæ.

Forks of the discal areolet straight, their base very little nearer than the end of the discal areolet to the tip of the wing. First, second, third and fourth externo-medial veins nearly straight, remote from each other on the border. Subanal joining the anal on the border. Discal areolet long and narrow.

85. Dasypogon Amastris.

Dasypogon Amastris, *Cat. of Diptera*, 2, 362.

Div. II. Tibiæ anticæ non calcaratæ.

Group 3.

Mas. Corpus magnum, elongatum. Caput et thorax hirta. Caput thorace angustius. Facies angusta, vix convexa. Mystax dense setosus, faciei ultra medium ascendens. Antennæ longiusculæ; articulus 1us 2o duplo longior; 3us longi-fusiformis, arista breve; 1o et 2o conjunctim multo longior. Abdomen pubescens. Pedes validi.

Forks of the cubital vein slightly curved, their base a little nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins nearly straight; third joining the fourth at some distance from the border. Subanal joining the anal on the border. Discal areolet very long.

86. Dasypogon subulatus.

Fœm. *Rufo-fuscus, cinereo micans; abdomen rubidum, apice nigrum; pedes rubidi; alæ fuscanæ.*

Dasypogon subulatus, *Wied.*

United States.

Group 4.

Mas. Corpus magnum, elongatum, hirtum. Caput thorace pallo angustius. Facies angusta, valde convexa. Mystax densissime setosus, faciem omnem occupans. Pedes validi. Alæ breviusculæ.

Fore fork of the cubital vein undulating; hind fork nearly straight, inclined towards the first externo-medial, but at some distance from it on the border. First and second externo-medial nearly straight; third inclined towards the fourth, but remote from it on the border. Subanal near the anal on the border. Discal areolet long and narrow.

87. Dasypogon Californiæ.

Dasypogon Californiæ, *Cat. of Diptera*, 2, 322.

Group 5.

Enarmostus, *Walk. Diptera Saundersiana*, Pt. 2, 102.

88. DASYPOGON BIMACULA.

Enarmostus bimacula, *Diptera Saundersiana*, Pt. 2, 102, pl. 4, f. 1.
North America.

Group 6.

Mas. Mystax spinis plurimis nigris armatus. Antennarum articulus 3us sublinearis, 1o et 2o conjunctim fere triplo longior. Abdomen lateribus basi setosis, dimidio basali lineari, apicali subfusiformi. Pedes spinosi.

89. DASYPOGON TRISTIS.

Dasypogon tristis, *Diptera Saundersiana*, Pt. 2, 93.
United States.

Group 7.

Corpus mediocre aut parvum, nigrum, pilosum. Caput thorace vix angustius. Facies valde convexa. Mystax densissime hirtus, faciem omnem occupans. Antennæ longæ; articulus 1us 2o longior; 3us sublinearis, arista longiuscula, articulis 1o et 2o conjunctim paullo longior. Pedes validi.

Forks of the cubital vein nearly straight, their base a little nearer than the end of the discal areolet to the tip of the wing. First and second externe-medial veins proceeding straight to the border; third inclined to the fourth, but rather remote from it on the border. Subanal near the anal on the border. Discal areolet hexagonal, rather long.

A. Abdomen fasciis integris.
  A. Abdomen sexfasciatum. - - - sexfasciatus, *Say.*
  B. Abdomen trifasciatum. - - - - trifasciatus, *Say.*
B. Abdomen fasciis interruptis.
  A. Alæ limpidæ. - - - - - - guttula, *Wied.*
  B. Alæ limpidæ, apice subcinereæ. - - Falto, *Walk.*
  C. Alæ subcinereæ. - - - - Lutatius, *Walk.*
  D. Alæ fuscovariæ. - - - - Macerinus, *Walk.*
C. Abdomen fasciis nullis. - - - - argenteus, *Say.*

90. Dasypogon sexfasciatus.

Mas. *Niger; thorax albido hirtus; abdomen nigrum, albo fasciatum; femora tibiæque basi subtestacea; alæ subfuscescentes.*

Dasypogon sexfasciatus, *Say.*

Missouri.

91. Dasypogon trifasciatus.

Nigellus, thoracis, latera albo pruinosa; abdomen nigrum, fasciis apiceque albis; alæ subcinereo-fuscescentes.

Dasypogon trifasciatus, *Say, Journ. Acad. Philad.* iii. 51, 3. *Wied. Auss. Zweifl.* i. 405, 64.

Pennsylvania. Maryland.

92. Dasypogon guttula.

Fœm. *Niger, nitens; thorax macula humerali alba; alæ limpidæ.*

Dasypogon guttula, *Wied.*

United States.

93. Dasypogon Falto.

Dasypogon Falto, *Cat. of Diptera*, 2, 355.

94. Dasypogon Lutatius.

Dasypogon Lutatius, *Cat. of Diptera*, 2, 357.

95. Dasypogon Macerinus.

Dasypogon Macerinus, *Cat. of Diptera*, 2, 356.

96. Dasypogon argenteus.

Fœm. *Niger, niveo pruinosus et hirtus; palpi, alæ et halteres dilutissime silacea.*

Dasypogon argenteus, *Say.*

Pennsylvania. Maryland.

Group ——?

A. Alæ nigræ. - - - - - - Æacus, *Wied.*
B. Alæ fuscæ. - - - - - - abdominalis, *Say.*
C. Alæ flavescentes.
A. Femora fulva. - - - - - cruciatus, *Say.*
B. Femora nigra. - - - - - albiceps, *Macq.*
D. Alæ subhyalinæ. - - - - - rufescens, *Macq.*

97. Dasypogon Æacus.

Fœm. *Niger; abdomen aurantiacum, basi apice lateribusque nigris; alæ nigræ.*

Asilus abdominalis, *Say, Long's Exped. to St. Peter's River, Append.* 375.

Dasypogon Æacus, *Wied. Auss. Zweifl.* 390, 37.

Pennsylvania.

98. Dasypogon abdominalis.

Flavus; antennæ nigræ; thorax glaucus, fusco vittatus; alæ fuscæ.

Dasypogon abdominalis, *Say, Journ. Acad. Philad.* iii. 50, 2. *Wied. Auss. Zweifl.* i. 412, 75.

Pennsylvania.

99. Dasypogon cruciatus.

Nigro-fuscus; thorax margine orichalceo; abdomen maculis fasciisque orichalceis; pedes fulvescentes; alæ flavæ pone basim limpidiores.

Dasypogon cruciatus, *Say, Journ. Acad. Philad.* iii. 52, 6. *Wied. Auss. Zweifl.* i. 381, 24.

Pennsylvania.

100. Dasypogon albiceps.

Fœm. *Caput album; thorax cinereus, vittis nigris; abdomen nigrum, albo fasciatum; pedes nigri, tibiis fulvis; alæ subflavescentes.*

Dasypogon albiceps, *Macq. Dipt. Exot. Suppl.* 1, 69, 51.

Texas.

101. Dasypogon rufescens.

Testaceus; facies et antennæ fulvæ; mystax flavus; thorax vittis tribus nigris, media divisa; abdominis latera albo pubescentia nigroque maculata; alæ subhyalinæ, venis externo-mediis 3a et 4a conjunctis.

Dasypogon rufescens, *Macq. Hist. Nat. Dipt.* i. 295, 8.

Philadelphia.

Mexico.

Group 1.

Corpus maximum, elongatum, pubescens. Caput thorace paullo angustius. Facies plana. Mystax setis paucis apud epistoma armatus. Antennæ sat longæ; articulus 1us 2o longior; 3us lincaris, arista vix ulla, 1o et 2o conjunctim multo longior. Thoracis latera setosa. Abdomen apice spinosum. Pedes validi.

Microstylum, p., *Macq. Dipt. Exot.* i.

Forks of the cubital vein slightly curved, their base very little nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding straight to the border; third united to the fourth at some distance from the border. Subanal near the anal on the border. Discal areolet very long, widening outward.

102. Dasypogon magnificus.

Fœm. *Ater; facies alba, nitens; abdomen rufum; onychia testacea; alæ fuscæ, basi nigro-fuscæ.*

Fem. Deep black. Face white, shining. Mystax with black bristles. Abdomen deep red; tip with black spines. Onychia testaceous. Wings brown, blackish brown at the base; disks of the areolets gray; veins tawny, piceous towards the base. Halteres testaceous. Length of the body 15 lines; of the wings 28 lines.

a. Mexico. Presented by Mrs. Rouquette.

Group —— ?

A. Tibiæ anticæ calcaratæ. Group Dasypogon, *Loew.?*
nigripennis, *Macq.*

B. Tibiæ anticæ non calcaratæ.
A. Mystax albus. - - - - dimidiatus, *Macq.*
B. Mystax flavescens aut fulvus.
a. Abdomen fasciis fulvis. - - - mexicanus, *Macq.*
b. Abdomen incisuris albidis. - - - nigritarsis, *Macq.*

103. Dasypogon nigripennis.

Fœm. *Niger; alæ nigro-violaceæ.*

Dasypogon nigripennis, *Macq. Dipt. Exot. Suppl.* 2, 34, 55, pl. 1, f. 6.

104. Dasypogon dimidiatus.

Mas. *Niger; abdomen albo maculatum; pedes fulvi, tibiæ apice tarsique nigra; alæ dimidio costali fuscæ.*

Dasypogon dimidiatus, *Macq. Dipt. Exot. Suppl.* 2, 35, 56.

105. Dasypogon mexicanus.

Mas. *Niger; mystax fulvus; thorax vittis duabus testaceis; abdomen fulvo-fasciatum; pedes flavi, femoribus basi nigris; alæ fuscæ, costa fulva.*

Dasypogon mexicanus, *Macq. Dipt. Exot. Suppl.* 1, 68, 49, pl. 6, f. 10.

106. Dasypogon nigritarsis.

Mas. *Niger; mystax flavidus; abdomen incisuris albidis; pedibus testacei, femoribus nigro cinctis, tibiis apice tarsisque nigris.*

Dasypogon nigritarsis, *Macq. Dipt. Exot. Suppl.* 1, 68, 50.

West Indies.

107. Dasypogon lineatus.

Ferrugineus; thorax vittis tribus nigris; alæ fuscæ, medio flavæ.

Asilus lineatus, *Fabr. Spec. Ins.* ii. 465, 28; *Ent. Syst.* iv. 386, 47.

Dasypogon lineatus, *Fabr. Syst. Antl.* 167, 13. *Wied. Dipt. Exot.* i. 221, 12; *Auss. Zweifl.* i. 385, 29.

West Indies.

108. Dasypogon angustus.

Mas. *Mystax, antennæ et pedes fulva; thorax testaceus, vittis fuscis; abdomen fuscum, fasciis fulvis; alæ rubiginosæ.*

Dasypogon angustus, *Macq. Dipt. Exot. Suppl.* 3, 20, 59, pl. 1, f. 11.

St. Domingo.

South America.

Div. I. Tibiæ anticæ calcaratæ.

Group 1.

Statura robusta. Corpus et pedes dense hirta. Mystax setis longis nigris. Alarum vena externo-media 3a apicem versus flexa, 4aque ante hujus apicem conjuncta; subanalis et analis ad marginem conjunctæ.

Morimnia, *Walk. Diptera Saundersiana*, Pt. 2, 104.

109. Dasypogon mallophoroides.

Morimna mallophoroides, *Diptera Saundersiana*, Pt 2, 104, pl. 4, f. 2.

Colombia.

110. Dasypogon transiens.

Dasypogon transiens, *Cat. of Diptera*, 2, 364.

Group 2.

Corpus maximum, parce setosum. Caput thorace paullo angustius. Facies subconvexa, nuda. Mystax setis nonnullis apud epistoma. Antennarum articuli 1us et 2us setosi; 3us lanceolatus, basi supra hirtus, 1o et 2o conjunctim multo longior. Pedes robusti, setosi. Tibiæ anticæ calcaribus parvis. Alarum vena externo-media 3a apicem versus flexa, 4aque ante hujus apicem conjuncta; subanalis et analis at marginem conjunctæ.

A. Mystax albus. - - - - - - rapax, *Walk.*
B. Mystax niger. - - - - melanogaster, *Wied.*

111. Dasypogon rapax.

Dasypogon rapax, *Diptera Saundersiana*, Pt. 2, 88.

112. Dasypogon melanogaster.

Ochraceo-fuscus; abdomen atrum; albo fasciatum; pedes badii; alæ flavescentes.

Dasypogon melanogaster, *Wied.* *Macq. Dipt. Exot.* i. 2, 35, 5.
Brazil.

Group 4.

Corpus gracile, sæpissime fulvum aut testaceum. Caput breve, thorace paullo latius; frons et facies plana. Mystax rarus, setis nonnullis albis apud peristoma. Antennarum articulus 1us linearis, 2us brevis, obconicus; 3us fusiformis, 1o et 2o conjunctim æqualis aut multo longior. Sexualia parva. Femora et tibiæ parce setosa; ungues mediocres; onychia parva; tibiæ anticæ calcaribus minimis.

Eyes flat in front, where the facets are much larger than those elsewhere. Forks of the cubital vein nearly straight, their base opposite the tip of the discal areolet. First and second externo-medial veins proceeding direct to the border; third angular, and connected with the fourth at some distance from the border. Sub-anal very nearly connected with the anal on the border.

A. Alæ fuscæ.
A. Abdomen ferrugineum. - - - Duillius, *Walk*
B. Abdomen piceum.
a. Alæ non vittatæ. - - - - testaceus, *Fabr.*
b. Alæ vitta limpida. - - - - insertus, *Walk.*
B. Alæ pallide fuscanæ venis flavido limbatis. castaneus, *Macq.*
C. Alæ subfulvæ aut flavescentes.

A. Antennæ nigræ.
B. Antennæ fulvæ. - - - - - Eburnus, *Walk.*
a. Abdomen cinereum. - - - - Ædon, *Walk.*
b. Abdomen flavum. - - - - rufiventris, *Wied.*
D. Alæ flavidæ, apice fuscanæ. - - - rufipalpis, *Macq.*
E. Alæ subflavescentes, apice cinereæ.. - Winthemi, *Wied.*
F. Alæ miniatæ, apice fuscæ. - - - Lucifer, *Wied.*
G. Alæ cinereæ.
A. Abdomen non fasciatum. - - - castigans, *Walk.*
B. Abdomen fasciis nigris. - - - - miser, *Walk.*
a. Thorax nigro vittatus.
b. Thorax non vittatus. - - - examinans, *Walk.*
H. Alæ limpidæ. - - - - - inclusus, *Walk.*

113. Dasypogon Duillius

Dasypogon Duillius, *Cat. of Diptera*, 2, 340.

114. Dasypogon testaceus.

Ferrugineus; abdomen apicem versus sensim fuscescens; alæ fuscæ.

Dasypogon testaceus, *Fabr. Syst. Antl.* 167, 15. *Wied. Dipt. Exot.* i. 222, 13; *Auss. Zweifl.* i. 386, 30.

South America.

115. Dasypogon insertus.

Dasypogon insertus, *Diptera Saundersiana*, Pt. 2, 94.

Parà.

116. Dasypogon castaneus.

Fœm. *Ferrugineus; antennæ et pedes fulva; thorax vittis tribus fuscanis; abdomen castaneum; alæ pallide fuscanæ, venis flavido limbatis.*

Dasypogon castaneus, *Macq. Dipt. Exot.* i. 2, 35, 6.

Brazil.

117. Dasypogon Ædon.

Dasypogon Ædon, *Cat. of Diptera*, 2, 343.

118. Dasypogon rufiventris.

Fœm. *Nigellus; thorax vittis atris; abdomen et pedes saturate flava; alæ flavescentes.*

Dasypogon rufiventris, *Wied. Dipt. Exot.* i. 223, 16; *Auss. Zweifl.* i. 388, 33.

South America.

119. Dasypogon Eburnus.

Dasypogon Eburnus, *Cat. of Diptera*, 2, 332.

120. Dasypogon rufipalpis.

Mas. *Ferrugineus; thorax vittis tribus nigris abbreviatis; abdomen fuscanum, fulvo annulatum; antennæ et pedes fulva; alæ flavidæ, apice fuscanæ.*

Dasypogon rufipalpis. *Macq. Dipt. Exot.* i. 2, 38, 13, pl. 3, f. 2.

Cayenne?

121. Dasypogon Winthemi.

Fœm. *Ferrugineus; thorax orichalceus, vittis tribus nigris; alæ flavidæ.*

Dasypogon Winthemi, *Wied.*

South America.

122. Dasypogon Lucifer.

Fœm. *Niger; antennæ saturate flavæ; thorax albo notatus; alæ miniatæ, apice fuscæ.*

Dasypogon Lucifer, *Wied. Auss. Zweifl.* i. 388, 34.

Monte Video.

123. Dasypogon castigans.

Dasypogon castigans, *Diptera Saundersiana*, Pt. 2, 89.

124. Dasypogon miser.

Mas. *Fulvus; antennæ nigræ, articulis 1o 2oque subtus fulvis, 3o longissimo; thorax vittis tribus nigris; abdomen fasciis maculisque nigris; femora postica nigro strigata; genua posteriora tarsique nigricantia; alæ subcinereæ.*

Male. Tawny. Head testaceous; vertex black; face with shining white tomentum. Proboscis and palpi blackish towards the tips. Antennæ black; first and second joints tawny beneath; third very much longer than the first and the second together. Thorax with three black stripes, which are dilated in front, interrupted in the middle, and attenuated hindward; the middle one widely interrupted. Abdomen with black bands, which on the second and third segments are interrupted, and reduced to spots or dots. Hind or hinder femora slightly streaked with black; tarsi and hinder knees mostly black. Wings slightly grayish, with an indistinct pale brownish tinge along the basal half of the costa; veins black, tawny at the base. Halteres testaceous. Length of the body 4—4½ lines; of the wings 6—7 lines.

a, b. Rio Tapayos, Brazil. From Mr. Bates' collection.

125. Dasypogon examinans.

Dasypogon examinans, *Diptera Saundersiana*, Pt. 2, 90.
Parà.

126. Dasypogon inclusus.

Dasypogon inclusus, *Diptera Saundersiana*, Pt. 2, 95.
Parà.

Group ——?

A. Thorax niger.
A. Alæ non maculatæ.
a. Abdomen nigrum.
a. Alæ violaceæ. - - - - - Gayi, *Macq.*
b. Alæ rufescentes.
i. Pedes nigri. - - - - Lebasii, *Macq.*
ii. Pedes rufi. - - - - - pumilus, *Macq.*
c. Alæ flavæ. - - - - - flavipennis, *Macq.*
d. Alæ cinereæ. - - - - crassitarsis, *Macq.*
B. Abdomen cupreo-nigrum. - - lugubris, *Macq.*
c. Abdomen nigrum, lateribus posticis fulvis. breviventris, *Macq.*
D. Abdomen rufum. - - - - - fallax, *Macq.*
E. Abdomen testaceum. - - - - fraternus, *Macq.*
B. Alæ maculatæ. - - - - maculipennis, *Macq.*
B. Thorax cinereus, fusco vittatus. - longiungulatus, *Macq.*
C. Thorax fuscanus, fusco vittatus. - - - grandis, *Macq.*

127. Dasypogon Gayi.

Niger; abdomen alæque violacea; tibiæ fulvæ.

Dasypogon Gayi, *Macq. Dipt. Exot.* i. 2, 37, 11.

Chili.

128. Dasypogon Lebasii.

Mas. *Niger; mystax densus, flavidus; alæ rufescentes, venis fusco limbatis.*

Dasypogon Lebasii, *Macq. Dipt. Exot.* i. 2, 38, 12.

Colombia.

129. Dasypogon pumilus.

Fœm. *Niger; pedes rufi, femoribus supra nigris; alæ rufescentes.*

Dasypogon pumilus, *Macq. Dipt. Exot.* i. 2, 37, 10.

Brazil.

130. DASYPOGON FLAVIPENNIS.

Fœm. *Ater; mystax albidus; antennæ basi, abdominis apex pedesque fulva; thoracis latera testacea; alæ flavæ.*

Dasypogon flavipennis, *Macq. Dipt. Exot. Suppl.* 1, 64, 42, pl. 7, f. 4.

New Grenada. Temperate Region.

131. DASYPOGON CRASSITARSIS.

Mas. *Niger; facies et mystax alba; thorax albido subvittatus; anus albidus; pedes obscure rufi, tarsis crassis; alæ cinereæ.*

Dasypogon crassitarsis, *Macq. Dipt. Exot.* i. 2, 36, 8.

Brazil.

132. DASYPOGON LUGUBRIS.

Fœm. *Crassus, hirsutus, ater; abdomen cupreo-nigrum; alæ fuscæ.*

Dasypogon lugubris, *Macq. Dipt. Exot. Suppl.* i. 64, 41.

New Grenada.

133. DASYPOGON BREVIVENTRIS.

Niger; antennæ fuscæ; abdomen postice fulvo marginatum; pedes fulvi; alæ hyalinæ, basi margineque postico subfuscescentibus.

Dasypogon breviventris, *Macq. Dipt. Exot. Suppl.* 3, 21, 61, pl. 1, f. 13.

Rio Negro.

134. DASYPOGON FALLAX.

Fœm. *Crassus, hirsutus, ater; abdomen rufum, apice nigrum; alæ fuscæ.*

Dasypogon fallax, *Macq. Dipt. Exot. Suppl.* 1, 63, 40, pl. 7, f. 5.

New Grenada. Temperate Region.

This species seems to be nearly allied to *D. transiens.*

135. DASYPOGON FRATERNUS.

Fœm. *Niger; mystax albus; abdomen testaceum, basi apiceque nigris, punctis lateralibus albis; alæ venis externo-mediis 3a 4aque ad marginem conjunctis.*

Dasypogon fraternus, *Macq. Dipt. Exot. Suppl.* 1, 63, 39.
Brazil.

136. DASYPOGON MACULIPENNIS.

Mas. *Niger; thorax cinereo vittatus; alæ subcinereæ, fuscano maculatæ.*

Dasypogon maculipennis, *Macq. Dipt. Exot.* i. 2, 37, 9, pl. 3, f. 8.
Brazil.

137. DASYPOGON LONGIUNGULATUS.

Fœm. *Fuscanus; thorax cinereus fusco vittatus; abdomen fascia dorsali nigra; pedes testacei, unguibus elongatis.*

Dasypogon longiungulatus, *Macq. Dipt. Exot.* i. 2, 36, 7.
Brazil.

138. DASYPOGON GRANDIS.

Mas. *Niger; mystax albus; antennæ articulo 3o subtus testaceo; thorax fuscanus, vittis fuscis; tibiæ anticæ femoraque testacea; alæ fuscanæ.*

Dasypogon grandis, *Macq. Dipt. Exot. Suppl.* 1, 63, 38, pl. 6, f. 8.
Brazil.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

Mystax rarus. Alarum vena externo-media 3a 4aque longe ab alæ marginem connexæ; illa rectangulata.

Prolepsis, *Diptera Saundersiana*, Pt. 2, 101.

139. Dasypogon fumiflamma.

Prolepsis fumiflamma, *Diptera Saundersiana*, Pt. 2, 100, pl. 3, f. 6. Brazil.

Group 2.

Mas. Corpus mediocre, sublineare, fere nudum. Caput thorace non latius; facies convexa. Mystax rarus, setis nonnullis apud peristoma. Antennæ breves, graciles; articulus 1us linearis; 2us subclavatus, 1o vix brevior; 3us lanceolatus, 1o et 2o conjunctim æqualis. Abdomen cylindricum. Sexualia parva. Pedes gracilis; femora et tibiæ vix setosa; tarsi longi; ungues et onychia parva.

Male. Eyes convex, except a very small part in front, which is flat and composed of large facets. Forks of the cubital vein nearly straight, their base a little nearer than the tip of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding direct to the border; third inclined towards the fourth, but at some distance from it on the border. Subanal nearly connected with the anal on the border.

140. Dasypogon tripartitus.

Mas. *Cervinus; caput subtus nigrum; antennæ et pedes fulva; thorax vittis tribus latis fuscis; abdomen nigricans, apicem versus rufum; alæ cinereæ.*

Male. Fawn colour. Head shining, black beneath. Mystax with whitish spines. Proboscis black. Palpi and antennæ tawny. Thorax with three broad brown stripes; side pair shortened in front. Abdomen blackish, hoary beneath and on each side; apical third part red. Legs tawny; tibiæ with a few minute white bristles; ungues black. Wings gray; veins black, tawny at the base. Halteres pale testaceous. Length of the body 3½ lines; of the wings 7 lines.

In one wing of the specimen described the veinlet between the cubital vein and the first externo-medial is double.

a. Santarem, Brazil. From Mr. Bates' collection.

Group ——?

A. Alæ non maculatæ.
A. Tarsi basi non albi.
a. Alæ nigræ. - - - - - - hirtipes, *Macq.*
b. Alæ fuscæ aut ferrugineæ.
a. Thorax niger.
i. Pedes nigri. - - - - rufipennis, *Macq.*
ii. Pedes testacei.
* Femora nigra. - - - rubiginipennis, *Macq.*
** Femora testacea. - - - Bonariensis, *Macq.*
b. Thorax nigro-fuscus, lateribus scutelloque testaceis. fuscipennis, *Macq.*
c. Thorax fulvus.
i. Thorax nigro vittatus. - - dorsalis, *Macq.*
ii. Thorax vittis testaceo-fuscescentibus. longipes, *Macq.*
d. Thorax testaceus, fusco vittatus. - fasciatus, *Macq.*
c. Alæ subcinereæ. - - - - - fulvicornis, *Macq.*
d. Alæ hyalinæ. - - - - - - candidus, *Macq.*
B. Tarsi basi albi. - - - - - - albitarsis, *Macq.*
B. Alæ maculatæ. - - - - - - punctipennis, *Macq.*

141. Dasypogon hirtipes.

Mas. *Niger; thorax apice scutellumque albida; pedes hirti; alæ nigræ.*

Dasypogon hirtipes, *Macq. Dipt. Exot.* i. 2, 46, 31.

Chili.

142. Dasypogon rufipennis.

Fœm. *Niger; antennæ fulvæ, basi nigræ; alæ ferrugineæ.*

Dasypogon rufipennis, *Macq. Dipt. Exot.* i. 2, 45, 28.

Brazil.

143. DASYPOGON RUBIGINIPENNIS.

Fœm. *Niger, rufo tomentosus; pedes testacei, femoribus nigris; alæ rubiginosæ.*

Dasypogon rubiginipennis, *Macq. Dipt. Exot.* i. 2, 45, 29.
Brazil.

144. DASYPOGON BONARIENSIS.

Mas. *Niger; thoracis scapulæ vittaque aureo pubescentes; abdominis incisuræ apice aureæ; pedes testacei; alæ fuscæ, postice fuscanæ.*

Dasypogon Bonariensis, *Macq. Dipt. Exot.* i. 2, 194.
Buenos Ayres.

145. DASYPOGON FUSCIPENNIS.

Fœm. *Nigro-fuscus; frons nigra; facies fusca; thoracis latera et scutellum testacea; abdomen basim versus subcontractum, segmentis quatuor apicalibus nonnunquam nigris; pedes testacei; alæ fuscæ, margine postico ad partem maculisque duabus pallide flavescentibus.*

Dasypogon fuscipennis, *Macq. Hist. Nat. Dipt.* i. 294, 6.
Cayenne.

146. DASYPOGON DORSALIS.

Fœm. *Fulvus; mystax albus; thorax nigro vittatus; abdominis latera et apex fusca; alæ flavidæ, apice fuscanæ.*

Dasypogon dorsalis, *Macq. Dipt. Exot. Suppl.* 3, 20, 60, pl. 1, f. 12.
Rio Negro.

147. Dasypogon longipes.

Fulvus; abdominis incisuræ nigræ; tibiæ intermediæ longæ, simplices; alæ fusco-flavæ.

Microstylum longipes, *Macq. Dipt. Exot.* i. 2, 30, 8, pl. 2, f. 4.
Brazil.

148. Dasypogon fasciatus.

Testaceus; frons, facies, mystax et antennæ pallide fulva; thorax fusco vittatus; abdominis segmenta fusco-fasciata; alæ fuscescentes, basi flavescentes, venis externo-mediis 3a et 4a conjunctis.

Dasypogon fasciatus, *Macq. Hist. Nat. Dipt.* i. 295, 9.
Cayenne.

149. Dasypogon fulvicornis.

Mas. *Niger; antennæ fulvæ, basi nigræ; thorax cinereus, vittis tribus nigris; tibiæ tarsique anteriora testacea; alæ subcinereæ.*

Dasypogon fulvicornis, *Macq. Dipt. Exot. Suppl.* 1, 67, 47, pl. 7, f. 1.
Brazil.

150. Dasypogon candidus.

Mas. *Candidus; antennæ pedesque nigra; abdominis segmenta 3um, 6um, 7umque fusca; alæ hyalinæ.*

Dasypogon candidus, *Macq. Dipt. Exot. Suppl.* 1, 67, 48.
Vera Cruz.

151. Dasypogon albitarsis.

Fœm. *Ater, gracilis; mystax albus; thorax lineis albis; tarsi basi albi; alæ elongatæ, angustæ, margine fusco.*

Dasypogon albitarsis, *Macq. Dipt. Exot. Suppl.* 1, 66, 46, pl. 7, f. 7.
Brazil.

152. Dasypogon punctipennis.

Fœm. *Ater, tibiæ tarsique anteriora testacea; alæ subhyalinæ, fusco punctatæ.*

Dasypogon punctipennis, *Macq. Dipt. Exot.* i. 2, 46, 30.
Chili.

Div. ——?

A. Alæ nigræ. - - - - - - - Satanas, *Wied.*
B. Alæ fuscæ.
A. Thorax chalybeus. - - - - - aurarius, *Wied.*
B. Thorax ferrugineus. - - - - cædens, *Wied.*
C. Thorax niger.
A. Thorax vittatus.
a. Abdomen totum nigrum. - - caiennensis, *Fabr.*
b. Abdomen basi rufum. - - - semirufus, *Wied.*
B. Thorax non vittatus.
a. Abdomen apice rubidum. - - hirtuosus, *Wied.*
b. Abdomen totum nigrum. - - caminarius, *Wied.*
D. Thorax ochraceus. - - - - aberrans, *Wied.*
C. Alæ flavescentes.
A. Thorax niger, vittis pallidis.
A. Alæ apice fuscæ.
a. Abdomen fasciatum.
i. Antennæ nigræ. - - - - ornatus, *Wied.*
ii. Antennæ flavæ. - - - mundatus, *Wied.*
b. Abdomen non fasciatum. - - capnopterus, *Wied.*
B. Alæ omnino flavescentes. - - flavipennis, *Wied.*
B. Thorax fuscus aut auratus.
A. Pedes nigri. - - - - - coffeatus, *Wied.*
B. Pedes badii aut rufescentes.
a. Abdomen nigrum, maculis auratis. - intactus, *Wied.*
b. Abdomen fuscum. - - - - reticulatus, *Fabr.*
c. Abdomen rubidum.
i. Antennarum articulus 3us dilatatus. equestris, *Wied.*
ii. Antennarum articulus 3us non dilatatus. Miles, *Wied.*
D. Alæ limpidæ.
A. Alæ apice fuscæ.
A. Thorax niger, lateribus fulvis. - - rutilus, *Wied.*
B. Thorax rufus, vittis nigris. - - - ardens, *Wied*

B. Alæ apud costam fuscanæ. - - fuliginosus, *Wied.*
C. Alæ basi fuscæ. - - - - - coriaceus, *Wied.*
D. Alæ omnino limpidæ.
A. Thorax flavidus.
a. Thorax vittis nigris. - - - - necans, *Wied.*
b. Thorax vittis fuscis. - - - vittatus, *Wied.*
B. Thorax albidus, vittis rubidis. - - tessellatus, *Wied.*

153. Dasypogon Satanas.

Mas. *Ater; alæ nigræ, apice et litura ad marginem internum flavidis.*

Dasypogon Satanas, *Wied. Auss. Zweifl.* i. 401, 56.

Monte Video.

154. Dasypogon aurarius.

Niger; thorax chalybeus, fulvo hirtus; abdomen pilis densis appressis aurarius; alæ subfuscescentes.

Dasypogon aurarius, *Wied. Dipt. Exot.* i. 229, 29; *Auss. Zweifl.* i. 410, 71.

Brazil.

155. Dasypogon cædens.

Mas. *Ferruginoso-fuscus; antennæ flavo-fuscæ; abdomen longum, apice nigrum; pedes lutei, tibiis posticis nigro-fuscis; alæ fuscæ.*

Dasypogon cædens, *Wied. Auss. Zweifl.* i. 584, 19.

Brazil.

156. Dasypogon caiennensis.

Niger; thorax vitta media orichalcea fusco divisa, lateribus scutello et metathorace orichalceis; alæ fuscæ.

Asilus cayenneusis, *Fabr. Mant. Ins.* ii. 360, 32; *Ent. Syst.* iv. 386, 45.

Laphria cajennensis, *Fabr. Syst. Antl.* 162, 25.
Dasypogon cainnensis, *Wied. Dipt. Exot.* i. 220, 12; *Auss. Zweifl.* i. 383, 27.
Cayenne.

157. DASYPOGON SEMIRUFUS.

Niger; thorax vittis duabus flavis; abdomen basi rufum; alæ fuscæ, basi ad costam flavæ.

Dasypogon semirufus, *Wied. Auss. Zweifl.* i. 393, 42.
Brazil.

158. DASYPOGON HIRTUOSUS.

Niger, flavido hirtus; abdomen incisuris anoque rubidis; alæ subfuscescentes.

Dasypogon hirtuosus, *Wied. Dipt. Exot.* i. 227, 25; *Auss. Zweifl.* i. 402, 59.
Brazil.

159. DASYPOGON CAMINARIUS.

Niger; thorax fuliginosus; abdomen basi fuscum; pedes picei, femoribus apice tarsisque ochraceo-fuscis; alæ fuscæ.

Dasypogon caminarius, *Wied. Auss. Zweifl.* i. 585, 20.
Brazil.

160. DASYPOGON ABERRANS.

Ochraceus, mystax albus; thorax orichalceo micans, vittis tribus ochraceo-fuscis; abdominis incisuræ flavescentes; alæ subfuscescentes.

Dasypogon aberrans, *Wied. Auss. Zweifl.* 389, 35.
South America.

161. Dasypogon ornatus.

Ater; thorax vittis tribus albidis; alæ flavidæ, apice fuscanæ.
Mas.—*Abdomen atrum, fasciis duabus lateribusque albidis.*
Fœm.—*Abdomen testaceum, basi atrum.*

Laphria ornata, *Wied. Zool. Mag.* iii. 49, 13.
Dasypogon ornatus, *Wied. Dipt. Exot.* i. 222, 14; *Auss. Zweifl.* i. 386, 31.
Brazil.

162. Dasypogon mundatus.

Fœm. *Niger; antennæ fusco-flavæ; thorax vittis tribus flavis; abdominis segmenta flavo fasciata; pedes flavidi, tarsorum articulis apice nigris.*

Dasypogon mundatus, *Wied. Auss. Zweifl.* i. 569, 56.
Brazil.

163. Dasypogon capnopterus.

Niger; thorax vittis antice flavis postice canis; alæ flavidæ, costa apiceque infumatis; tarsi basi fusci.

Dasypogon capnoterus, *Wied. Auss. Zweifl.* i. 376, 15.
Monte Video.

164. Dasypogon flavipennis.

Mas. *Niger; thorax vittatus, interstitiis luteis; abdominis incisuræ intermediæ flavescentes; pedes antice fuscano-lutei, superne fusci; alæ flavescentes.*

Dasypogon flavipennis, *Wied. Auss. Zweifl.* i. 376, 16.
Brazil.

165. Dasypogon coffeatus.

Mas. *Ferrugineo-fuscus; abdomen nigrum, fasciis schistaceis; pedes nigri; alæ flavæ.*

Dasypogon coffeatus, *Wied. Zool. Mag.* iii. 49, 12; *Dipt. Exot.* i. 217, 5; *Auss. Zweifl.* i. 374, 12.
Brazil.

166. DASYPOGON INTACTUS.

Thorax auratus, fuscano vittatus; abdomen nigrum, incisuris maculisque utrinque trigonis auratis; pedes ferruginosi; alæ flavescentes, apice subfuscescentes.

Dasypogon intactus, *Wied. Auss. Zweifl.* i. 371, 9.

South America.

167. DASYPOGON RETICULATUS.

Mas. *Fuscus; thorax ferrugineo lineatus; abdomen fasciis glabris cinerascentibus; pedes rufescentes; alæ flavescentes.*

Laphria reticulata, *Fabr. Syst. Antl.* 160, 19.

Dasypogon reticulatus, *Wied. Dipt. Exot.* i. 212, 6; *Auss. Zweifl.* i. 378, 20.

South America.

168. DASYPOGON EQUESTRIS.

Fœm. *Rubidus; antennæ articulo 3o dilatato; thorax orichalceus, fusco vittatus; abdomen utrinque fuscum et orichalceum, apice croceum; pedes badii; alæ subflavescentes, apice subcinereæ.*

Dasypogon equestris, *Wied. Auss. Zweifl.* i. 392, 41.

Brazil.

169. DASYPOGON MILES.

Fœm. *Rubidus; thorax fulvidus, vittis rubidis; alæ subflavescentes, apice subcinereæ.*

Dasypogon Miles, *Wied. Auss. Zweifl.* i. 393, 43.

Brazil.

170. DASYPOGON RUTILUS.

Niger; thoracis latera abdominisque maculæ laterales fulva; pedes subferruginei; alæ limpidæ, apice subfuscescentes.

Dasypogon rutilus, *Wied. Dipt. Exot.* i. 231, 32; *Auss. Zweifl.* i. 370, 6.

Brazil.

171. Dasypogon ardens.

Fœm. *Rufus, fulvo pilosus; thorax vittis nigris; abdomen basi nigrum; alæ apice margineque fuscescentibus.*

Dasypogon ardens, *Wied. Auss. Zweifl.* i. 391, 39.

Brazil.

172. Dasypogon fuliginosus.

Mas. *Fuliginosus; abdomen nigrum, basi fuscanum; pedes nigro-picei, tibiis ochraceo-fuscescentibus; alæ apud costam fuscanæ.*

Dasypogon fuliginosus, *Wied. Dipt. Exot.* i. 208, 8; *Auss. Zweifl.* i. 380, 22.

Brazil.

173. Dasypogon coriaceus.

Coriaceus; thorax vittis latissimis fuscis; abdomen fuscum, fascia coriacea; alæ basi fuscæ.

Dasypogon coriaceus, *Wied. Dipt. Exot.* i. 230, 30; *Auss. Zweifl.* i. 411, 73.

Brazil.

174. Dasypogon necans.

Mas et Fœm. *Flavidus; antennæ rufescentes; thorax vittis tribus nigris; abdomen vitta lata nigra; pedes fusci; alæ limpidæ.*

Dasypogon necans, *Wied. Auss. Zweifl.* i. 392, 40.

Brazil.

175. Dasypogon vittatus.

Mas. *Flavidus; caput ferrugineum; thorax fusco vittatus; abdomen cinerascens, nigro vittatum; pedes fuscani; alæ limpidissimæ.*

Dasypogon vittatus, *Wied. Auss. Zweifl.* i. 389, 36.

Monte Video.

176. Dasypogon tessellatus.

Mas. *Albidus; thorax vittis quinque rubidis; abdomen fuscano tessellatum; pedes ferruginei; alæ limpidissimæ.*

Dasypogon tessellatus, *Wied. Auss. Zweifl.* i. 390, 38.
Monte Video.

Africa.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1.

Corpus gracile, fere nudum. Caput thorace vix latius. Frons plana, nuda, mystax setis duabus apud epistoma. Pedes validi; tibiæ anticæ calcaribus minimis.

Forks of the cubital vein nearly straight, their base a little nearer than the end of the discal areolet to the tip of the wing; first and second externo-medial veins nearly straight; third inclined to the fourth, but at some distance from it on the border; subanal at some distance from the anal on the border.

177. Dasypogon humeralis.

Mas. *Fuscus; antennæ et humeri rubiginea; abdomen nigrum; alæ subcinereæ.*

Dasypogon humeralis, *Wied.*
Cape.

Group 2.

Corpus gracile, fere nudum. Caput thorace vix angustius. Frons plana, nuda. Mystax setis quatuor apud epistoma. Pedes validi; tibiæ anticæ calcaribus parvis.

Fore fork of the cubital vein undulating, hind fork slightly curved, their base a little nearer than the end of the discal areolet to the tip of the wing; first and second externo-medial veins nearly straight; third very slightly inclined to the fourth, and far apart from it on the border; subanal near the anal on the border.

A. Abdomen vitta dorsali nigra.
A. Venæ cubitalis furca 1a angulata. - Anaxilas, *Walk.*
B. Venæ cubitalis furca non angulata. - Alcippe, *Walk.*
B. Abdomen ferrugineum.
A. Thorax trivittatus. - - - - - letifer, *Walk.*
B. Thorax bivittatus. - - - - - videns, *Walk.*

178. DASYPOGON ANAXILAS.

Dasypogon Anaxilas, *Cat. of Diptera*, 2, 324.

This species may be a variety of *D. Alcippe*, but the first fork of the cubital vein is angular near its base, and the third externo-medial vein is more remote from the fourth on the border.

179. DASYPOGON ALCIPPE.

Dasypogon Alcippe, *Cat. of Diptera*, 2, 338.

180. DASYPOGON LETIFER.

Dasypogon letifer, *Diptera Saundersiana*, Pt. 2, 89.
Caffraria?

181. DASYPOGON VIDENS.

Dasypogon videns, *Diptera Saundersiana*, Pt. 2, 93.

Group 3.

Dasypogon, *Loew.*

182. DASYPOGON CRASSUS.

Niger, crassus; pedes hirti; halteres fulvi. Mas.—*Alæ fuscanæ.* Fœm.—*Abdominis segmenta 2um, 3um et 4um supra fusco-rubescentia; alæ flavidæ.*

Dasypogon crassus, *Macq. Expl. Scient. Alg.* 361; *Ins.* 433, 53, pl. 1, f. 12.
Algeria.

D. punctatus is nearly allied to this species, but may be distinguished by its brown halteres.

Group 6.

Corpus gracile. Caput, thorax et abdomen basi densissime hirta. Caput thorace vix angustius. Facies plana, hirta. Mystax densissime hirtus. Antennarum articulus 3us fusiformis, 1o et 2o conjunctim multo longior. Pedes sat validi, hirti; tibiæ anticæ calcaribus parvis.

Forks of the cubital vein nearly straight, their base a little nearer to the tip of the wing than the end of the discal areolet; first and second externo-medial veins straight; third much inclined to the fourth, and near it on the border; subanal joining the anal on the border.

183. Dasypogon Clælius.

Dasypogon Clælius, *Cat. of Diptera*, 2, 351.

Group 5.

Fœm. Corpus sat gracile, fere nudum. Caput thorace vix angustius. Facies plana, nuda. Mystax setis quatuor. Antennarum articulus 2us 1o brevior; 3us fusiformis, 1o et 2o conjunctim longior. Pedes sat graciles, fere nudi; tibiæ anticæ calcaribus parvis.

Forks of the cubital vein nearly straight, their base very little nearer than the end of the discal areolet to the tip of the wing; first and second externo-medial veins straight; third inclined to the fourth and not far from it on the border; subanal joining the anal on the border.

184. Dasypogon Tapulus.

Dasypogon Tapulus, *Cat. of Diptera*, 2, 351.

Group 8.

Mas. Corpus mediocre, gracile, fere nudum. Caput thorace paullo latius. Facies plana, nuda. Mystax quadrisetosus. Oculi magni. Antennæ sat longæ; articulus 1us linearis, 2o multo longior; 2us obconicus; 3us longifusiformis, 1o et 2o conjunctim paullo longior. Abdomen longiobclavatum, apice nitens. Sexualia magna. Pedes graciles; ungues et onychia parva: tibiæ anticæ calcaribus parvis.

Forks of the cubital vein slightly curved, their base a little nearer than the end of the discal areolet to the tip of the wing. Four externo-medial veins proceeding nearly directly to the border; third and fourth slightly inclined to each other, but at some distance apart on the border; subanal joining the anal on the border; discal areolet nearly pentagonal, rather long and narrow.

185. Dasypogon limbithorax.

Fœm. *Gracilis niger, antennæ pedesque testacea; thorax vittis lateralibus albidis; alæ fuscanæ.*

Dasypogon limbithorax, *Macq. Dipt. Exot. Suppl.* i. 60, 34.

Caffraria.

Group ——?

A. Alæ fuscæ. - - - - - longicornis, *Macq.*
B. Alæ hyalinæ.
A. Abdomen albo non maculatum. - - Olivierii, *Macq.*
B. Abdomen albo maculatum. - - - Ægyptius, *Macq.*

186. Dasypogon longicornis.

Mas. *Niger, gracilis; antennæ capite duplo longiores; scutellum, abdomen pedesque rufa; alæ fuscæ, basi flavescentes.*

Dasypogon longicornis, *Macq. Dipt. Exot.* i. 2, 192.
Egypt.

187. Dasypogon Olivierii.

Mas. *Niger; thoracæ albido trilineatus; abdomen fulvum, nigro cinctum, lateribus nigro maculatis; alæ subflavo hyalinæ.*

Dasypogon Olivierii, *Macq. Dipt. Exot.* i. 2, 33, 1.
Egypt.

188. Dasypogon Ægyptius.

Mas. *Niger; abdominis segmenta 2o ad 7um fulva lateribus nigris, 2um et 3um marginibus posticis albo maculatis; tibiæ tarsique fusca; alæ hyalinæ, basi subfuscæ.*

Dasypogon Ægyptius, *Macq. Dipt. Exot.* i. 2, 33, 2.
Egypt.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

This group may be divided into two sub-groups.

Sub-group 1.

Corpus magnum aut maximum, robustum. Caput thorace paullo angustius. Facies nuda, vix convexa. Mystax apud peristoma dense setosus. Antennæ sat longæ; articulus 1us 2o paullo longior; 3us subclavatus, 1o et 2o conjunctim multo longior. Prothorax crassus. Abdomen fere nudum, plus dimidio basali hirtum, apicem versus nitens; anus spinis armatus. Pedes validi, setosi; ungues et onychia magna.

Microstylum, p., *Macq. Dipt. Exot.* i. 2, 26, 3.

Forks of the cubital vein opposite at the base to the end of the discal areolet; fore fork curved forward; hind fork curved hindward towards the first externo-medial vein. First and second externo-medial veins straight; third obsolete beyond the discal areolet; fourth straight, joined to the third by a long slightly

undulating veinlet; subanal joining the anal very near the border. Discal areolet very long and narrow.

The stouter body, thicker mystax, shorter wings and some other peculiarities distinguish this sub-group from *Megapollyon*.

Sub-group 2.

Corpus maximum, setosum, dense pilosum. Caput thorace angustius; facies nuda, subconvexa. Mystax setis octa validus apud peristoma. Barba densa. Antennæ sat longæ; articulis 1us 2o longior; 3us longissime fusiformis, 1o et 2o conjunctim longior. Thoracis dorsum pubescens, latera setosa. Abdomen plus dimidio basili obscurum, dense hirtum, apicem versus nitens, nudum aut nudiusculum; anus spinus armatus. Pedes validi setosi, pilosi; ungues et onychia magna.

Microstylum, p., *Macq.*
Megapollyon, *Walk. Insecta Saundersiana*, Pt. 2, 85.

Forks of the cubital vein nearly straight, their base much nearer than the end of the discal areolet to the tip of the wing. First externo-medial vein much curved forward near its base; second straight; third obsolete beyond the discal areolet, or appearing only as the stump of a vein; fourth proceeding nearly straight to the border, joined to the third by a long slightly undulating veinlet, which is nearly parallel to the border of the wing; subanal joining the anal far from the border. Discal areolet very long and narrow.

A. Alæ non maculatæ.
A. Alæ nigricantes. - - - - acutirostris, *Loew.*
B. Alæ nigræ, basi albæ. - - - - Pica, *Macq.*
C. Alæ fuscæ.
a. Alæ costa ferruginea.
a. Barba *fœminæ* nigra. - - - Barbarossa *Wied.*
b. Barba *fœminæ* fulva. - - - Serranus, *Walk.*
b. Alæ costa non ferruginea.
a. Thorax disco nigro. - - - Blœsus, *Walk.*
b. Thorax vittis quatuor piceis. - - Saverrio, *Walk.*
D. Alæ fuscæ, venis flavo limbatis. - - - venosus, *Wied.*
E. Alæ fusco lituratæ. - - - - - gigas, *Wied.*
F. Alæ subferrugineæ. - - - - - capensis, *Wied.*

G. Alæ subflavescentes. - - - - rubripes, *Macq.*
H. Alæ hyalinæ. - - - - simplicissimus, *Loew.*
I. Alæ lacteæ. - - - - lacteipennis, *Wied.*
B. Alæ maculatæ. - - - - - - afer, *Wied.*

189. DASYPOGON ACUTIROSTRIS.

Thorax fusco-cinereus, striis nigris nitidis, lateralibus e maculis duabus compositis, intermedia duplici; abdomen fulvescens, ad basim et ab segmento 5o nigrum; alæ nigricantes.

Microstylum acutirostre, *Loew, Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 658, 9.

Mozambique.

190. DASYPOGON PICA.

Mas. *Rufescens; thorax vittis nigris; antennæ, mystax pedesque nigra; abdomen nigrum, incisuris flavis; alæ nigræ, basi albæ.*

Microstylum Pica, *Macq. Dipt. Exot. Suppl.* i. 59, 12, pl. 6, f. 6.

Caffraria.

a. Port Natal. From M. Gueinzius' collection.

191. DASYPOGON BARBAROSSA.

Niger; alæ fuscæ, ad costam rubidæ. Mas.—*Barba rufa.* Fœm. —*Barba nigra.*

Dasypogon Barbarossa, *Wied. Auss. Zweifl.* i. 370, 7.
Microstylum Barbarossa, *Macq. Dipt. Exot.* i. 2, 29, 5.

Cape. Madagascar.

192. DASYPOGON SERRANUS.

Dasypogon Serranus, *Cat. of Diptera*, 2, 308.

a. Port Natal. From M. Gueinzius' collection.

This may be a variety of *D. Barbarossa.*

193. DASYPOGON BLŒSUS.

Dasypogon Blœsus, *Cat. of Diptera*, 2, 309.

194. DASYPOGON SAVERRIO.

Dasypogon Saverrio, *Cat. of Diptera*, 2, 309.

195. DASYPOGON VENOSUS.

Badius; tarsi apice nigri; alæ fuscæ, venis flavo limbatis.

Dasypogon venosus, *Wied.*
South Africa.

196. DASYPOGON GIGAS.

Fuscanus; abdomen nigrum, segmentis mediis, incisuris lateribusque subtestaceis; alæ fusco lituratæ.

Dasypogon gigas, *Wied. Dipt. Exot.* i. 216, 3; *Auss. Zweifl.* i. 369, 5, pl. 6, f. 3.
Cape.

197. DASYPOGON CAPENSIS.

Ochraceus; abdomen nigrum, maculis lateralibus cinereis; alæ subferrugineæ.

Asilus capensis, *Fabr.*
South Africa.

198. DASYPOGON RUBRIPES.

Ater; facies ferrugineo-fusca; abdomen rufo fasciatum; pedes testacei; alæ subflavescentes.

Microstylum rubripes, *Macq. Dipt. Exot.* i. 2, 28, 3.
Cape.

199. Dasypogon simplicissimus.

Obscure flavo-cinereus; facies tota barbata; alæ hyalinæ, venis versus marginem posteriorem multo tenuioribus, venæ cubitalis ramo postico vena externo-media 1a conjuncto.

Microstylum simplicissimum, *Loew, Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 658, 8.

Mozambique.

200. Dasypogon lacteipennis.

Niger; abdomen utrinque vitta cinerea; pedes obscure badii; alæ lacteæ.

Dasypogon lacteipennis, *Wied.*

South Africa.

201. Dasypogon afer.

Fœm. *Thorax cæsio nigellus, fusco vittatus; abdomen piceum, incisuris rubidis, marginibus albidis; pedes rubidi; alæ fuscano plagiatæ.*

Dasypogon afer, *Wied.*

South Africa.

Group 2.

Corpus longum. Caput et thorax hirta et setosa. Caput thorace multo angustius. Facies convexa. Mystax dense setosus. Antennarum articulus 3us sublinearis, arista longa, articulis 1o et 2o conjunctim paullo longior. Abdomen pubescens, alis longius. Pedes validi, setosi.

Sub-group 1.

Forks of the cubital vein much nearer than the end of the discal areolet to the tip of the wing; fore fork undulating; hind fork slightly inclined near its tip to the first externo-medial, which, like the second, is almost straight; third externo-medial much inclined to the fourth, but at some distance from it on the border; subanal joining the anal on the border.

Type *D. Scheno.*

A. Thorax quadrivittatus. - - - - Scheno, *Walk.*
B. Thorax trivittatus. - - - - - dilutus, *Walk.*

202. DASYPOGON SCHENO.

Dasypogon Scheno, *Cat. of Diptera*, 2, 312.

203. DASYPOGON DILUTUS.

Dasypogon dilutus, *Diptera Saundersiana*, Pt. 2, 98.
Cape.

Sub-group 2.

Forks of the cubital vein a little nearer than the end of the discal areolet to the tip of the wing; fore fork slightly undulating; hind fork straight; first and second externo-medial veins straight; third joining the fourth at some distance from the border; subanal almost joining the anal on the border.

204. DASYPOGON ANTIGENÈS.

Dasypogon Antigenes, *Cat. of Diptera*, 2, 312.

Group 3.

Corpus elongatum, fere nudum. Caput thorace paullo angustius. Facies plana. Antennarum articulus 3us clavatus, 1o et 2o conjunctim vix brevior. Abdomen tomentosum. Pedes robusti, setosi.

Forks of the cubital vein slightly curved from each other, their base opposite the end of the discal areolet. First externo-medial extremely curved near its base, more than twice further at its end from the second externo-medial than from the hind fork of the cubital; second and fourth proceeding nearly straight to the border; third undulating hindward and joining the fourth at a considerable distance from the border. Subanal joining the anal on the border.

205. Dasypogon Spurinus.

Dasypogon Spurinus, *Cat. of Diptera*, Pt. 2, 323.

Group 4.

Stichopogon, *Loew.*

A. Alæ non punctatæ.
  A. Femora antica vix incrassata. gigantellus, *Loew.*
  B. Femora antica valde incrassata. Mantis, *Loew.*
B. Alæ puncto nigro. punctatus, *Loew.*

206. Dasypogon gigantellus.

Cinereus; abdomen cingulis sex latis, albis, æqualibus, tenuiter interruptis.

Stichopogon gigantellus, *Loew, Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 658, 6.

Mozambique.

207. Dasypogon Mantis.

Obscure flavido-cinereus; facies angustissima; femora antica basi valde incrassata, fere trigona, subtus spinosissima; tibiæ anticæ intus nigro spinosæ, reliquis crassiores; alarum vena externo-media 2a brevis, ab 3a longe remota; 3a et 4a longe ante marginem; alæ conjunctæ.

Stichopogon Mantis, *Loew, Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 659, 10.

Mozambique.

208. Dasypogon punctatus.

Fusco-cinereus; alæ cinereo-hyalinæ, puncto minuto nigro distinctissimo signatæ.

Stichopogon punctatum, *Loew, Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 658, 7.

Mozambique.

Group 5. Xiphocerus, *Loew.*

209. Dasypogon Reynaudii.

Mas. *Niger; thorax fulvo marginatus; abdomen albo fasciatum, segmentis ultimis fulvis; pedes fulvi; alæ subfuscæ, ad costam flavæ.*

Xiphocera Reynaudii, *Macq. Dipt. Exot.* i. 2, 48, 1, pl. 3, f. 9.
Cape.

Group 6. Acnephalum, *Loew.*

A. Pedes nigri. - - - - - -	brevis, *Macq.*
B. Tibiæ rufæ. - - - - - -	curtus, *Wied.*
C. Tibiæ tarsique testacea. - - -	dorsalis, *Macq.*

210. Dasypogon brevis.

Mas. *Ater, flavido hirsutus; vertex pilis rubris; alæ basi subfuscæ, venæ cubitalis ramus posticus venâ externo-media 1a conjunctus; vena externo-media 3a 4a conjuncta.*

Acnephalum breve, *Macq. Dipt. Exot.* i. 2, 52, 2, pl. 4, f. 3.
Cape.

211. Dasypogon curtus.

Mas. *Niger, albido hirtus; tibiæ posticæ rufæ.*

Dasypogon curtus, *Wied. Zool. Mag.* iii. 6, 7; *Dipt. Exot.* i. 229, 28; *Auss. Zweifl.* i. 409, 70.
Cape.

212. Dasypogon dorsalis.

Fœm. *Ater; femora subtus rufa, tibiæ tarsique testacea; alæ hyalinæ, basi subfuscæ.*

Acnephalum dorsale, *Macq. Dipt. Exot.* i. 2, 52, 3, pl. 4, f. 4.
Cape.

Group 7. Pycnopogon? *Loew.*

A. Thorax vittatus.
A. Pedes fulvi. - - - - - andrenoides, *Wied.*
B. Pedes nigri. - - - - - quadratus, *Wied.*
B. Thorax non vittatus. - - - - apiformis, *Macq.*

213. Dasypogon andrenoides.

Niger, cinerascente hirtus; thorax apice vittulis tribus; abdomen fasciis albo pilosis; pedes fulvi, femoribus supra nigris; alæ basi costa et apud venas transversas fuscescentes.

Dasypogon andrenoides, *Wied. Auss. Zweifl.* i. 403, 61.

Cape.

214. Dasypogon quadratus.

Niger, cinerascente hirtus; thorax apice vittulis tribus albis; abdominis margo flavo hirtus.

Dasypogon quadratus, *Wied. Auss. Zweifl.* i. 404, 62.

Cape.

215. Dasypogon apiformis.

Mas et Fœm. *Niger, latus, flavo pilosus; mystax flavus; alæ flavidæ.*

Dasypogon apiformis, *Macq. Expl. Scient. Alg.* iii. *Ins.* 436, 60, pl. 2, f. 7.

Algeria.

Group 8.

Corpus mediocre, sublineare, pubescens, parce setosum. Caput thorace paullo angustius. Facies plana, epistoma versus subconvexa. Mystax setis plurimis, faciei trientem basalem occupans. Pedes robusti, setosi.

Forks of the cubital vein nearer at the base than the end of the discal areolet to the tip of the wing; fore fork slightly undulating; hind fork nearly straight. Four externo-medial veins separate, proceeding nearly straight to the border. Subanal and anal united at a long distance from the border.

216. Dasypogon Lævinus.

Dasypogon Lævinus, *Cat. of Diptera*, 2, 358.

Group 9.

Corpus breve, crassus, parce pilosum et setosum. Caput thorace paullo angustius. Facies plana. Mystax setosus, faciem usque ad antennas occupans. Pedes robusti, pilosi, setosi.

Forks of the cubital vein curved from each other, their base opposite the end of the discal areolet; fore fork near its base angular, and emitting a short branch towards the base of the wing. First externo-medial joining the hind fork of the cubital at some distance from the border; second proceeding straight to the border; third connected with the fourth at some distance from the border. Subanal united to the anal very near the border.

217. Dasypogon Luscinius.

Dasypogon Luscinius, *Cat. of Diptera*, 2, 360.

Group ——?

A. Areola discalis simplex.
  A. Alæ nigræ. - - - - - - maurus, *Macq.*
  B. Alæ fuscæ.
    a. Pedes fulvo-rubri. - - - obscuripennis, *Macq.*
    b. Pedes nigri. - - - - - pusillus, *Macq.*
  C. Alæ rufescentes.
    a. Pedes nigri. - - - - rubiginipennis, *Macq.*
    b. Pedes fulvi. - - - - - tenuis, *Macq.*
  D. Alæ flavescentes.
    a. Pedes nigri, femoribus testaceis. - flavipennis, *Macq.*

B. Pedes pallidi.
a. Abdomen nigrum.
i. Frons non aurata. - - - longus, *Macq.*
ii. Frons aurea. - - - - aurifrons, *Macq.*
b. Abdomen rubrum. - - - rubriventris, *Macq.*
E. Alæ subcinereæ aut hyalinæ.
A. Pedes nigri.
a. Abdomen non punctatum. - - nitidus, *Macq.*
b. Abdomen punctis albis. - - - pusio, *Macq.*
B. Pedes pallidi.
a. Antennæ nigræ. - - - - - scapularis, *Macq.*
b. Antennæ rufæ. - - - - pygmæus, *Macq.*
B. Areola discalis duplicata. - - heteroneurus, *Macq.*

218. Dasypogon maurus.

Niger; mystax et barba nigra; thorax vittatus; alæ nigricantes; halteres fulvi. Mas.—*Facies argentea.* Fœm.—*Facies aurata; abdominis segmenta 3um, 4um et 5um supra rufa.*

Dasypogon maurus, *Macq. Expl. Scient. Alg.* iii. *Ins.* 435, 57, pl. 2, f. 1.

Algeria.

219. Dasypogon obscuripennis.

Niger; mystax flavus; barba nigra; pedes fulvo-rubri; alæ fuscæ, basi flavæ, apice et apud costam limpidæ; halteres fulvi. Fœm.—*Abdomen testaceum, apice nigrum.*

Dasypogon obscuripennis, *Macq. Expl. Scient. Alg.* iii. *Ins.* 434, 5, pl. 2, f. 2.

Algeria.

220. Dasypogon pusillus.

Fœm. *Niger, nitidus; facies et mystax flavida; alæ subfuscæ.*

Dasypogon pusillus, *Macq. Dipt. Exot.* i. 2, 42, 22; *Expl. Scient. Alg.* iii. *Ins.* 439, 68.

Algeria;

221. DASYPOGON RUBIGINIPENNIS.

Fœm. *Niger, flavido pilosus; mystax albidus; abdomen angustum; tibiæ basi testaceæ; alæ rufescentes; halteres fulvi.*

Dasypogon rubiginipennis, *Macq. Expl. Scient. Alg.* iii. *Ins.* 4, 35, 56, pl. 2, f. 5.

Algeria.

222. DASYPOGON TENUIS.

Fœm. *Gracilis, niger; facies mystaxque flavida; thorax fuscanus, vittis tribus nigris; pedes fulvi, femoribus posticis nigris; alæ rufescentes.*

Dasypogon tenuis, *Macq. Dipt. Exot.* i. 2, 42, 20; *Expl. Scient. Alg.* iii. *Ins.* 437, 61.

Algeria.

223. DASYPOGON FLAVIPENNIS.

Mas. *Flavido-cinereus; antennæ nigræ, apice testaceæ; mystax albidus; thorax vittis fuscanis; pedes nigri, femoribus testaceis; alæ flavæ.*

Dasypogon flavipennis, *Macq. Dipt. Exot. Suppl.* 1, 59, 11.

Caffraria.

224. DASYPOGON LONGUS.

Fœm. *Niger; thorax fuscanus, albo lineatus; abdomen elongatum; pedes fulvi, femora supra nigra; alæ subflavæ.*

Dasypogon longus, *Macq. Dipt. Exot.* i. 2, 43, 23.

Egypt.

225. DASYPOGON AURIFRONS.

Niger; frons aurea; thorax cinereo tomentosus, nigro trivittatus; pedes fulvi; alæ flavescentes, venis fuscis. Mas.—*Abdomen incisuris albis.* Fœm.—*Antennæ basi et abdominis segmenta testacea.*

Dasypogon aurifrons, *Macq. Expl. Scient. Alg.* iii. *Ins.* 434, 54, pl. 2, f. 4.

Algeria.

226. Dasypogon rubriventris.

Mas et Fœm. *Niger, rufo pilosus; mystax albus; antennæ testaceæ; abdomen angustum, rubrum, maculis dorsalibus nigris; pedes testacei, postici femoribus intus nigricantibus; alæ cinereo-flavescentes.*

Dasypogon rubriventris, *Macq. Expl. Scient. Alg.* iii. *Ins.* 437, 62, pl. 2, f. 3.

Algeria.

227. Dasypogon nitidus.

Niger, nitidus; mystax albus; pedes albo pilosi; alæ subcinereæ; halteres albidi.

Dasypogon nitidus, *Macq. Expl. Scient. Alg.* iii. *Ins.* 438, 65.

Algeria.

228. Dasypogon pusio.

Ater, nitidus; mystax albus; abdomen punctis lateralibus albis; alæ limpidæ; halteres flavido-albi.

Dasypogon pusio, *Macq. Expl. Scient. Alg.* iii. *Ins.* 438, 66.

Algeria.

229. Dasypogon scapularis.

Mas. *Niger; thorax fusco vittatus; scapulæ, anus pedesque testacea; femora supra nigricantia; alæ subhyalinæ.*

Dasypogon scapularis, *Macq. Dipt. Exot.* i. 2, 44, 25.

Cape.

230. Dasypogon pygmæus.

Mas et Fœm. *Fuscus, tenuis; antennæ rufæ; thorax vittis rufescentibus; pedes rufi, albo pilosi; alæ limpidæ; halteres albidi.*

Dasypogon pygmæus, *Macq. Expl. Scient. Alg.* iii. *Ins.* 437, 63, pl. 2, f. 6.

Algeria.

231. Dasypogon heteroneurus.

Fæm. *Cinereus; facies mystaxque albida; antennæ testaceæ; abdomine elongatum; alæ subflaveseentes; vena externo-media* 1*a venæ cubitalis ramo postico longe ante marginem connexa; venæ externo-mediæ* 3*a et* 4*a petiolo unico terminatæ.*

Dasypogon heteroneurus, *Macq. Dipt. Exot.* i. 2, 41, 19, pl. 3, f. 7; *Expl. Scient. Alg.* iii. *Ins.* 436, 59.

Algeria.

Div. —— ?

A. Alæ fuscæ.
  A. Thorax niger. - - - - - mœrens, *Wied.*
  B. Thorax canus, vittis nigris. - - Reinhardi, *Wied.*
  C. Thorax fuscus.
    a. Thorax vittatus. - - - - - caffer, *Wied.*
    b. Thorax non vittatus. - - - - hispidus, *Wied.*
  D. Thorax rubidus.
    a. Alæ infumatæ. - - - - fuscipennis, *Wied.*
    b. Alæ basi flavæ. - - - - aulicus, *Wied.*
B. Alæ rufescentes aut flavæ.
  A. Pedes nigro-fusci. - - - - - atratus, *Fabr.*
  B. Pedes nigri, tibiis fulvis. - - - ruficauda, *Fabr.*
  C. Pedes rubidi aut fulvi.
    a. Antennæ nigræ. - - - - - setosus, *Wied*
    b. Antennæ pallidæ.
      a. Abdomen incisuris fulvis. - - limbatus, *Fabr.*
      b. Abdomen totum nigrum. - - - tragicus, *Wied.*
C. Alæ subcinereæ aut limpidæ.
  A. Thorax niger.
    a. Abdomen nigrum, apice ferrugineum. hæmorrhoidalis, *Fabr.*
    b. Abdomen rubidum, maculis lateralibus nigris. vestitus, *Wied.*
    c. Abdomen rubidum, fasciis albis. - Rüppelii, *Wied.*
  B. Thorax fuscus, vittis albis. - - - striatus, *Fabr.*

232. Dasypogon mœrens.

Mas. *Niger; abdomen basi pedesque ferruginosa; alæ fuscæ.*

Dasypogon mœrens, *Wied. Auss. Zweifl.* i. 399, 53.
Sierra Leone.

232. Dasypogon Reinhrdi.

Fœm. *Niger; thorax canus, nigro vittatus; abdomen basi album, utrinque maculis testaceis; alæ fuscæ.*

Dasypogon Reinhardi, *Wied. Auss. Zweifl.* i. 401, 57.
Guinea.

234. Dasypogon caffer.

Mas. *Fuscanus; thorax vittis olivaceo-fuscis; abdomen nigrum, cano fasciatum; alæ fuscescentes.*

Dasypogon caffer, *Wied. Auss. Zweifl.* i. 394, 44.
South Africa.

235. Dasypogon hispidus.

Mas. *Fuscanus; mystax nigro-fuscus; abdomen canum; femora nigra; alæ subfuscescentes.*

Dasypogon hispidus, *Wied. Auss. Zweifl.* i. 398, 50.
Cape.

236. Dasypogon fuscipennis.

Mas. *Badio-rubidus; thorax vittis nigris; abdomen apice nigrum; alæ infumatæ.*

Dasypogon fuscipennis, *Wied. Dipt. Exot.* i. 227, 24; *Auss. Zweifl.* i. 399, 52.
Cape.

237. Dasypogon aulicus.

Mas et Fœm. *Ferruginosus ; thorax vittis tribus nigris limboque orichalceo ; abdomen maculis nigris ; alæ fuscanæ basi flavæ.*

Dasypogon aulicus, *Wied. Auss. Zweifl.* i. 379, 21. *Macq. Dipt. Exot.* i. 2, 34, 3, pl. 3, f. 5.

South Africa.

238. Dasypogon atratus.

Niger ; caput et thorax cinerascente hirsuta ; pedes nigro-fusci ; alæ flavescentes ; halteres fulvi.

Asilus atratus, *Fabr. Ent. Syst.* iv. 380, 19. *Meig. Klass. Zweifl.* i. 266, *d.*

Dasypogon atratus, *Fabr. Syst. Antl.* 165, 4. *Meig. Zweifl.* ii. 262, 6.

Barbary.

239. Dasypogon ruficauda.

Cinereus, hirtus ; thorax nigro bilineatus ; abdomen apice fulvum ; tibiæ fulvæ ; alæ ferrugineæ.

Laphria ruficauda, *Fabr. Syst. Antl.* 161, 22.
Dasypogon ruficauda, *Meig. Zweifl.* ii. 284, 43.

Morocco.

240. Dasypogon setosus.

Mas. *Nigellus ; thorax vittis obsoletissimis ; abdomen cæsio-albescens ; pedes rubidi ; alæ subrufescentes.*

Dasypogon setosus, *Wied. Anal. Entom.* 26, 24 ; *Auss. Zweifl.* i. 394, 45.

Cape.

241. Dasypogon limbatus.

Nigricans; antennæ, thoracis limbus, abdominis incisuræ pedesque fulva; femora postica apice nigro maculata; alæ fulvæ.

Asilus limbatus, *Fabr. Ent. Syst.* iv. 382, 26. *Meig. Klass. Zweifl.* i. 267, *g.*

Dasypogon limbatus, *Fabr. Syst. Antl.* 165, 7. *Coqueb. Ill. Icon.* 113, pl. 25, f. 10. *Meig. Zweifl.* ii. 283, 41. *Wied. Dipt. Exot.* i. 224, 18; *Auss. Zweifl.* i. 395, 46.

Barbary.

242. Dasypogon tragicus.

Ater; antennæ pedesque rubida; thorax utrinque rubidus, orichalceo micans; abdomen scoriaceo nigrum; alæ flavæ, apice subcinereæ.

Dasypogon tragicus, *Wied. Auss. Zweifl.* i. 400, 55.

South Africa.

243. Dasypogon hæmorrhoidalis.

Fœm. *Niger; abdomen lineolis lateralibus albis, apice ferrugineum; pedes ferruginei, tarsis nigris; alæ subcinereæ.*

Asilus hæmorrhoidalis, *Fabr. Ent. Syst.* iv. 389, 58. *Coqueb. Ill. Icon.* 118, pl. 26, f. 11.

Dioctria hæmorrhoidalis, *Fabr. Syst. Antl.* 151, 8.

Dasypogon hæmorrhoidalis, *Wied. Auss. Zweifl.* i. 407, 66. *Macq. Expl. Scient. Alg.* iii. *Ins.* 438, 64.

Barbary.

244. Dasypogon vestitus.

Niger; abdomen rubidum, utrinque maculis nigris; pedes rubidi, genubus posticis nigris; alæ limpidæ.

Dasypogon vestitus, *Wied. Auss. Zweifl.* i. 406, 65.

Nubia.

245. Dasypogon Ruppelii.

Rubidus; facies albo hirta; thorax nigellus, cano hirtus; abdomen albo fasciatum; alæ limpidæ.

Dasypogon Rüppelii, *Wied. Auss. Zweifl.* i. 4, 569, 57.
Nubia.

246. Dasypogon striatus.

Fuscus, hirtus; thorax fuscus, albo lineatus; abdomen fulvum, fusco bilineatum, lateribus albis; pedes fulvi.

Asilus striatus, *Fabr. Ent. Syst.* iv. 387, 49. *Meig. Klass. Zweifl.* i. 2690.
Dasypogon striatus, *Fabr. Syst. Antl.* 167, 16. *Meig. Zweifl.* ii. 283, 42.
Barbary.

Madagascar.

Group 1.

Microstylum, *Macq.* See pp. 451, 452.

247. Dasypogon cilipes.

Fœm. *Fuscanus; facies argentea; abdomen maculis lateralibus albis; pedes breves ciliati; alæ fuscæ.*

Microstylum cilipes, *Macq. Dipt. Exot.* i. 2, 28, 4, pl. 2, f. 5.

248. Dasypogon appendiculatus.

Fœm. *Rubidus; facies et barba albæ; mystax niger; thorax vittis fuscis; abdomen nigrum, incisuris lateribusque albis; pedes testacei; alæ cinereæ.*

Microstylum appendiculatum, *Macq. Dipt. Exot. Suppl.* 2, 33, 14.

Asia.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1.

Mas. Corpus gracile, mediocre, fere nudum. Caput thorace paullo latius; frons et facies planæ. Mystax setis duabus apud peristoma exceptis nullus. Antennæ mediocriter longæ; articuli 1us et 2us subæquales; 3us fusiformis, 1o et 2o conjunctim paullo brevior. Prothorax conicus, attenuatus. Abdomen dimidio basali subcontractum. Sexualia parva. Pedes sat validi, setis paucis armati; ungues et onychia parva; tibiæ anticæ calcaribus minimis.

Eyes convex, except a small part in front, which is composed of larger facets than those elsewhere. Forks of the cubital vein nearly straight, their base opposite the end of the discal areolet. First and second externo-medial veins proceeding direct to the border; third and fourth slightly inclined towards each other, but at some distance apart on the border; subanal and anal almost connected on the border.

Nearly allied to Group 4, p. 30.

A. Pedes rufi aut fulvi.
  A. Pedes nigro varii. - - - - - Volcatus, *Walk.*
  B. Pedes non nigro varii.
    a. Tarsi picei. - - - - - - Hypsaon, *Walk*
    b. Tarsi fulvi. - - - - - - - Cerco, *Walk.*

249. Dasypogon Volcatus.

Dasypogon Volcatus, *Cat. of Diptera*, 2, 346.

250. Dasypogon Hypsaon.

Dasypogon Hypsaon, *Cat. of Diptera*, 2, 348.

a. North China. From Mr. Fortune's collection.

251. Dasypogon Cerco.

Dasypogon Cerco, *Cat. of Diptera*, 2, 349.

Group 2.

Corpus sat magnum, validiusculum, fere nudum. Caput thorace vix angustius; facies subconvexa, parce pilosa. Mystax pilis apud peristoma sat densis, setis nullis. Antennæ mediocriter longæ; articulus 1us 2o triplo longior; 3us linearis, apice acuminatus, 1o et 2o conjunctim fere duplo longior. Prothorax crassus. Abdomen subcylindricum, basim versus subcontractum. Sexualia parva. Pedes sat validi, parce setosi; ungues et onychia mediocria; tibiæ anticæ calcaribus sat magnis.

Eyes convex, except a very small part in front, which is composed of larger facets than those elsewhere. Fork of the cubital vein nearly straight, their base a little nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding direct to the border; third inclined to the fourth, but widely apart from it on the border; subanal and anal very near together on the border.

252. Dasypogon subauratus.

Fœm. *Aureo tomentosa; antennæ abdomen et pedes fulva; thorax vittis quatuor nigro-cinereis, intermediis angustis externis latis; abdomen basi nigrum apice testaceum, maculis lateralibus testaceis et nigris; alæ subcinereæ, apud costam luridæ.*

Fem. Head and thorax with gilded tomentum. Head clothed behind with black hairs; vertex, proboscis and palpi black. Antennæ tawny. Thorax with four blackish gray stripes; inner pair long and narrow; outer pair short and broad. Abdomen tawny, black at the base, and with large black spots along each side, testaceous at the tip, and with small testaceous spots along each side. Legs tawny; coxæ with gilded tomentum; ungues black; onychia testaceous. Wings grayish, with a lurid tinge along the costa; veins black, tawny in front and towards the base. Halteres testaceous. Length of the body 7½ lines; of the wings 15 lines.

a. North China. From Mr. Fortune's collection.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

Megapollyon, *Insecta Saundersiana*, Pt. 2, 85.

See p. 452.

A. Thorax flavidus. - - - - - Spectrum, *Wied.*
B. Thorax niger.
A. Abdomen nigrum, aut fuscum.
a. Alæ nigro-cyaneæ. - - - - Vica, *Walk.*
b. Alæ nigricantes. - - - - Polygnotus, *Walk.*
B. Abdomen rufum.
a. Thorax totus niger. - - - - Rhypæ, *Walk.*
b. Thorax albo vittatus. - - - Otacilius, *Walk.*
C. Abdomen apice rufum.
a. Thorax totus niger. - - - - Balbillus, *Walk.*
b. Thorax albo vittatus. - - - - Sura, *Walk.*
D. Abdomen rufum, apice nigrum. - - Libo, *Walk.*
C. Thorax niger, fulvo pilosus. - - - apiformis, *Walk.*
D. Thorax niger, vittis quatuor pallidis.
A. Pedes rufi. - - - - - - imbutus, *Walk.*
B. Pedes nigri. - - - - - trimelas, *Walk.*
E. Thorax canus, vittis obscurioribus. - - apicalis, *Macq.*

253. Dasypogon Spectrum.

Flavidus; antennæ apice ferrugineæ; pedes ferruginei, genubus nigris; alæ flavescentes, venis ferrugineis.

Dasypogon Spectrum, *Wied.*
Laphria Spalumus, *Cat. of Diptera*, Pt. 2, 371.

a. North China. From Mr. Fortune's collection.

Var.? *Antennæ nigræ, apice testaceæ; abdomen testaceum, incisuris nigris; tibiæ intermediæ calcaratæ; alæ flavæ.* Long. 13—14 lin.

Dasypogon dux, *Wied. Auss. Zweifl.* i. 568, 55.
Microstylum sinense, *Macq. Dipt. Exot.* i. 2, 29, 7, pl. 2, f. 3.
China. Manilla.

254. DASYPOGON VICA.

Dasypogon Vica, *Cat. of Diptera*, 2, 304.
a. Silhet. From Mr. Stevens' collection.

255. DASYPOGON POLYGNOTUS.

Dasypogon Polygnotus, *Cat. of Diptera*, 2, 305.

256. DASYPOGON RHYPÆ.

Dasypogon Rhypæ, *Cat. of Diptera*, 2, 303.

257. DASYPOGON OTACILIUS.

Dasypogon Otacilius, *Cat. of Diptera*, 2, 344.

258. DASYPOGON BALBILLUS.

Dasypogon Balbillus, *Cat. of Diptera*, 2, 307.

259. DASYPOGON SURA.

Dasypogon Sura, *Cat. of Diptera*, 2, 345.

260. DASYPOGON LIBO.

Dasypogon Libo, *Cat. of Diptera*, 2, 342.

261. DASYPOGON APIFORMIS.

Dasypogon apiformis, *Diptera Saundersiana*, Pt. 2, 97.
East Indies.

262. DASYPOGON IMBUTUS.

Dasypogon imbutus, *Diptera Saundersiana*, Pt. 2, 96.
East Indies.

263. Dasypogon trimelas.

Dasypogon trimelas, *Diptera Saundersiana*, Pt. 2, 97.
East Indies.

264. Dasypogon apicalis.

Mas. *Canus; antennæ nigræ; thorax vittis obscurioribus; abdomen basi nigrum albo fasciatum, apice rubiginosum; pedes rufescentes nigro varii; alæ flavescentes.*

Dasypogon apicalis, *Wied. Dipt. Exot.* i. 216, 4; *Auss. Zweifl.* ii 372, 10, pl. 6, f. 4.
Microstylum apicale, *Macq. Dipt. Exot.* i. 2, 29, 6.
Bengal.

Group 3.

See group 2, p. 455.

A. Thorax ferrugineus aut fulvus.
  A. Abdomen ferrugineum, apice piceum. - Ambryon, *Walk.*
  B. Abdomen rufum. - - - - Damias, *Walk.*
B. Thorax cinereo-fuscus. - - - - Imbrex, *Walk.*
C. Thorax fulvus. - - - - - pulverifer, *Walk.*
D. Thorax niger.
  A. Thorax fulvo hirtus. - - - - Aphrices, *Walk.*
  B. Thorax cano hirtus. - - - - Echelus, *Walk.*

265. Dasypogon Ambryon.

Dasypogon Ambryon, *Cat. of Diptera*, 2, 311.

266. Dasypogon Damias.

Dasypogon Damias, *Cat. of Diptera*, 2, 313.

267. Dasypogon Imbrex

Dasypogon Imbrex, *Cat. of Diptera*, 2, 315.

268. DASYPOGON PULVERIFER.

Dasypogon pulverifer, *Diptera Saundersiana*, Pt. 2, 98.
East Indies.

269. DASYPOGON APHRICES.

Dasypogon Aphrices, *Cat. of Diptera*, 2, 314.

270. DASYPOGON ECHELUS.

Dasypogon Echelus, *Cat. of Diptera*, 2, 314.

Group 4. Cyrtopogon, *Loew.*

271. DASYPOGON LAPHRIDES.

Cyrtopogon laphrides, *Diptera Saundersiana*, Pt. 2, 99, pl. 3, f. 7.
East Indies.

Group 5.

Fœm. Corpus mediocre, dense hirtum. Caput thoracis latitudine. Facies convexa. Mystax dense setosus usque ad antennas ascendens. Antennæ sat longæ; articulus 1us linearis, 2o plus duplo longior; 3us linearis, arista valida terminatus, 1o et 2o conjunctim fere duplo longior. Abdomen subcompressum. Alæ apud costæ dimidium basale subincrassatæ.

Forks of the cubital vein nearly straight, their base much nearer than the end of the discal areolet to the tip of the wing. First, second, third and fourth externo-medial veins proceeding direct to the border; subanal inclined to the anal, and near to it on the border. Discal areolet pentagonal, rather long and narrow.

This group seems to be one of the links which connect the *Dasypogonites* with the *Asilites*.

272. Dasypogon scatophagoides.

Mas. *Niger, testaceo hirtus; caput albido tomentosum, nigro setosum; thorax fusco tomentosus, nigro cristatus; tibiæ rufæ; alæ cinereo-fuscescentes.*

Black. Head with whitish tomentum, thickly beset with black bristles, thickly clothed beneath with testaceous hairs. Thorax with brown tomentum, with a ridge of black bristles, and on each side with black hairs. Scutellum with black and tawny bristles. Abdomen compressed, thickly clothed with testaceous hairs, and beneath with black hairs. Legs stout, with black and tawny hairs; tibiæ red, with black tips. Wings brownish; disk of the areolets gray; veins black, reddish towards the base. Halteres red. Length of the body 5 lines; of the wings 10 lines.

a. East Indies. From Mr. Stevens' collection.

Group ——?

A. Alæ fuscæ.
  A. Thorax niger. - - - - albonotatus, *Wied.*
  B. Thorax fuscus. - - - - - nigricauda, *Wied.*
  C. Thorax olivaceus. - - - - - virens, *Wied.*
  D. Thorax cinereus, fasciis nigris. - - arabicus, *Macq.*
B. Alæ flavescentes. - - - - - dorsalis, *Wied.*

273. Dasypogon albonotatus.

Fœm. *Niger; abdomen utrinque maculis quatuor transversis albis; alæ medio infumatæ.*

Dioctria albonotata, *Wied. Dipt. Exot.* i. 181, 5.
Dasypogon albonotatus, *Wied. Auss. Zweifl.* i. 402, 58.
Bengal.

274. Dasypogon nigricauda.

Mas. *Fuscus; abdomen basi albidum, incisuris apiceque atris; alæ fuscæ, apice sublimpidæ.*

Dasypogon nigricauda, *Wied. Anal. Entom.* 26, 23; *Auss. Zweifl.* i. 377, 17.

East Indies.

275. Dasypogon virens.

Fœm. *Fuscano-flavidus; thorax olivaceus; alæ cinereo-fuscæ.*

Dasypogon virens, *Wied. Auss. Zweifl.* i. 398, 51.
Java.

276. Dasypogon arabicus.

Thorax fasciis nigris, cinereo limbatis; abdomen fusco-testaceum, albido maculatum; alæ fuscanæ, venæ cubitalis ramus posticus vena externo-media ante marginem conjunctus; venæ externo-mediæ 3a et 4a connexæ.

Dasypogon arabicus, *Macq. Dipt. Exot.* ii. 1, 43, 24.
Arabia.

277. Dasypogon dorsalis.

Cinerascens; scutellum album; abdomen nigrum, segmentis 3o, 5o et 6o maculis trigonis albis; alæ vix flavescentes.

Dasypogon dorsalis, *Wied. Auss. Zweifl.* i. 413, 77.
East Indies.

Australia.

Div. 1. Tibiæ anticæ apice calcaratæ.

Group 1.

Corpus elongatum, robustum, vix setosum. Caput thorace vix angustius. Facies vix convexa. Mystax setis nonnullis apud epistoma. Antennæ longiusculæ, filiformes; articulus 2us 1o paullo brevior; 3us sublinearis, 1o et 2o conjunctim paullo longior; arista vix ulla. Abdomen apice setosum. Pedes robusti, setosi.

Allied to *Microstylum*. Forks of the cubital vein slightly diverging from each other, their base opposite the end of the discal areolet. First and second externo-medial veins proceeding straight to the border; first curved forward, when it leaves the discal areolet third much inclined to the fourth, but at some little distance from it on the border. Subanal and anal near each other on the border

278. Dasypogon Salinator.

Dasypogon Salinator, *Cat. of Diptera*, 2, 325.

Group 2.

Mas. Corpus mediocre, gracile, elongatum, parce hirtum, vix setosum. Caput thorace vix angustius. Facies plana. Mystax setis nonnullis apud epistoma. Antennæ longiusculæ; articulus 1us 2o duplo longior; 3us longissime fusiformis, 1o et 2o conjunctim longior; arista brevissima. Abdomen apud medium subcontractum. Pedes robusti setosi; ungues et onychia elongata.

Forks of the cubital vein nearly straight, their base much nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding from a short common petiole, which is emitted from the end of the discal areolet; third slightly inclined to the fourth, but far from it on the border; subanal rather near to the anal on the border.

279. Dasypogon Sergius.

Dasypogon Sergius, *Cat. of Diptera*, 2, 347.

Group 3.

Fœm. Corpus majusculum, validum, sublineare, subpilosum, non setosum. Caput thorace paullo angustius. Facies plana. Mystax apud epistoma dense setosus. Abdomen subcylindricum. Pedes robusti, setosi.

Forks of the cubital vein curved slightly from each other, their base much nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding nearly straight to the border; third slightly inclined towards the fourth, but far from it on the border. Subanal and anal very near each other on the border.

280. Dasypogon Spinther.

Dasypogon Spinther, *Cat. of Diptera*, 2, 337.

Group 4. Dasypogon, *Loew.*

281. Dasypogon Carbo.

Dasypogon Carbo, *Diptera Saundersiana*, Pt. 2, 87.
New Holland.

Group ——?

A. Alæ violaceo-nigræ. - - - - nigripennis, *Macq.*
B. Alæ rufescentes.
A. Albo punctatus. - - - - albopunctatus, *Macq.*
B. Albo non punctatus. - - - - nitidus, *Macq.*
C. Alæ fulvæ. - - - - - - princeps, *Macq.*
D. Alæ hyalinæ.
A. Thorax niger. - - - - limbipennis, *Macq.*
B. Thorax fulvus. - - - - albonotatus, *Macq.*

282. Dasypogon nigripennis.

Mas. *Niger; facies alba; alæ violaceo-nigræ.*

Dasypogon nigripennis, *Macq. Dipt. Exot. Suppl.* 3, 20, 58, pl. 1, f. 10.

New Holland.

283. Dasypogon albopunctatus.

Fœm. *Testaceus, albo punctatus, mystax flavidus; thorax tomentosus; abdomen basi segmentoque 4o nigris; alæ rufescentes.*

Dasypogon albopunctatus, *Macq. Dipt. Exot. Suppl.* i. 65, 44, pl. 6. f. 7.

New Holland.

284. Dasypogon nitidus.

Gracilis, nitidus, testaceus; mystax flavidus; thorax vittis fuscis; abdominis segmenta anteriora vittis lateralibus nigris; alæ rufescentes.

Dasypogon nitidus (nomen bis lectum), *Macq. Dipt. Exot. Suppl.* 1, 61, 35.

Tasmania.

285. Dasypogon princeps.

Fulvus; thorax vittis nigris; abdomen fasciis nigris; alæ fulvæ.

Dasypogon princeps, *Macq. Dipt. Exot. Suppl.* 3, 19, 57, pl. 1, f. 14.

New Holland.

286. Dasypogon limbipennis.

Fœm. *Niger, mystax cinereus; scutellum testaceum; tibiæ basi albidæ; alæ hyalinæ, costa fusca.*

Dasypogon limbipennis, *Macq. Dipt. Exot. Suppl.* i. 62, 33, pl. 7, f. 8.

Tasmania. Sidney Isle.

287. Dasypogon albonotatus.

Mas. *Fulvus; thorax fuscano vittatus; abdomen nigrum, lateribus albo maculatis; alæ hyalinæ.*

Dasypogon albonotatus, *Macq. Dipt. Exot. Suppl.* 2, 33, 52.

Tasmania.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

Corpus angustum, hirtum. Caput thorace paullo angustius; frons plana, pilosa. Mystax sat dense hirtus. Antennæ sat longæ;

articulus 1us linearis, 2o multo longior; 2us subclavatus; 3us lanceolatus; arista brevissima. Thorax subcompressus. Abdomen longum, compressum, apice spinis armatum. Pedes robusti, hirti et spinosi; ungues et onychia mediocria.

Forks of the cubital vein nearer at the base than the end of the discal areolet to the tip of the wing; fore fork slightly undulating; hind fork nearly straight. First and second externo-medial veins proceeding almost directly to the border; third much bent towards the fourth, and near it on the border; subanal in contact with the fourth on the border.

A. Alæ subfuscæ. - - - - - - Aoris, *Walk.*
B. Alæ ex parte fulvæ.
A. Alæ ad costam fulvæ.
a. Alæ ex parte subcinereæ. - - - Digentia, *Walk.*
b. Alæ ex parte limpidæ. - - - - Agave, *Walk.*
B. Alæ ad costam subcinereæ. - - - Lanatus, *Walk.*
C. Alæ limpidæ, apice subfuscæ. - - Pedanus, *Walk.*
D. Alæ limpidæ, apice subcinereæ. - - Nicoteles, *Walk.*
E. Alæ omnino limpidæ. - - - - Thalpius, *Walk.*

288. Dasypogon Aoris.

Dasypogon Aoris, *Cat. of Diptera*, 2, 321.

289. Dasypogon Digentia.

Dasypogon Digentia, *Cat. of Diptera*, 2, 316.

290. Dasypogon Agave.

Dasypogon Agave, *Cat. of Diptera*, 2, 317.

291. Dasypogon Lanatus.

Dasypogon Lanatus, *Cat. of Diptera*, 2, 318.
a. Van Dieman's Land. Presented by Morton Allport, Esq.

292. DASYPOGON PEDANUS.

Dasypogon Pedanus, *Cat. of Diptera*, 2, 320.

293. DASYPOGON NICOTELES.

Dasypogon Nicoteles, *Cat. of Diptera*, 2, 320.

294. DASYPOGON THALPIUS.

Dasypogon Thalpius, *Cat. of Diptera*, 2, 317.

Group 2.

Corpus validum, elongatum, parce setosum. Facies subconvexa, dense hirta. Mystax setis nonnullis apud epistoma. Abdomen alis multo longius. Pedes robusti, valde setosi.

Forks of the cubital vein a little nearer at the base than the end of the discal areolet to the tip of the wing; fore fork slightly curved forward; hind fork almost straight; first, second and fourth externo-medial veins almost straight; third forming an acute angle at its flexure to the fourth, which it joins far from the border. Subanal joined to the anal at some distance from the border.

295. DASYPOGON BŒBIUS.

Dasypogon Bœbius, *Cat. of Diptera*, 2, 333.
Dasypogon plumbeus, *Fabr.?*

NOTE.—*D. plumbeus* is cited, by mistake, as the name of the species preceding *D. Bœbius* in the above-mentioned Catalogue.

Group ——?

A. Thorax niger. Alæ flavescentes.
  A. Alæ antice infumatæ. - - - - australis, *Macq.*
  B. Alæ apice subfuscæ.
    a. Abdomen subtus cinereum. - - brachypterus, *Macq.*
    b. Abdomen apice testaceum. - - elongatus, *Macq.*
B. Thorax testaceus. - - - - - testaceus, *Macq.*

296. Dasypogon australis.

Fœm. *Niger; abdominis segmenta marginibus posticis pallidis; pedes testacei; alæ antice infumatæ, postice flavescentes.*

Dasypogon australis, *Macq. Dipt. Exot.* i. 2, 45, 27.
New Holland.

297. Dasypogon brachypterus.

Fœm. *Niger; abdomen subtus cinereum, femora tibiæque subtus rubra; alæ parvæ, subflavæ, apice subfuscæ.*

Dasypogon brachypterus, *Macq. Dipt. Exot.* i. 2, 44, 26, pl. 3, f. 3.
New Holland.

298. Dasypogon elongatus.

Elongatus, niger; mystax aureus; abdomen angustum, apice testaceum; pedes testacei; alæ subflavescentes, apice subfuscæ.

Dasypogon elongatus, *Macq. Dipt. Exot. Suppl.* i. 66, 45, pl. 7, f. 6.
New Holland. Sidney Island.

299. Dasypogon testaceus.

Fœm. *Testaceus; thorax vittis fuscis; mystax albidus; abdomen nigrum, apice testaceum; pedes nigri, femoribus testaceis; alæ flavidæ.*

Microstylum testaceum, *Macq. Dipt. Exot. Suppl.* i. 60, 13.
New Holland.

New Zealand.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1.

Corpus mediocre, sat gracile. Caput et thorax setis paucis. Facies plana. Mystax setis nonnullis apud epistoma. Antennæ

sat longæ; articulus 1us 2o longior; 3us fusiformis, arista brevi terminatus, 1o et 2o conjunctim vix brevior. Abdomen fere nudum, alis non longius. Pedes validi, setosi.

Forks of the cubital vein nearly straight, slightly diverging from each other, their base a little nearer than the end of the discal areolet to the tip of the wing. Four externo-medial veins separate, nearly straight. Subanal vein near the anal at its tip.

300. Dasypogon viduus.

Dasypogon viduus, *Cat. of Diptera*, 2, 354.

Group 2.

Corpus mediocre, sublineare, fere nudum. Caput thorace paullo angustius. Facies plana, nuda. Mystax setis paucis apud epistoma. Antennæ longæ; articulus 1us 2o longior; 3us sublinearis, arista brevissima, 1o et 2o conjunctim paullo longior. Pedes validi, setis brevissimis.

Forks of the veins nearly straight, slightly diverging from each other, their base a little nearer than the end of the discal areolet to the tip of the wing. Four externo-medial veins separate, nearly straight. Subanal vein united to the anal at its tip.

301. Dasypogon Discus.

Dasypogon Discus, *White, Zool. Voy. Erebus and Terror. Cat. of Diptera*, 2, 356.

Sandwich Islands.

Group 1.

Megapollyon, *Diptera Saundersiana*, Pt. 2, 85. See p. 452.

302. Dasypogon Scython.

Dasypogon Scython, *Cat. of Diptera*, 2, 365.

Country unknown.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1.

See group 1, page 476.

A. Alæ limpidæ. - - - - - - - Fossius, *Walk.*
B. Alæ subfulvæ. - - - - - - spectans, *Walk.*

303. Dasypogon Fossius.

Dasypogon Fossius, *Cat. of Diptera*, Pt. 2, 366.

304. Dasypogon spectans.

Dasypogon spectans, *Diptera Saundersiana*, Pt. 2, 88.

Group 2.

See page 430.

A. Alæ fulvæ aut fulvo strigatæ.
A. Thorax non vittatus.
a. Thorax flavo-fuscus. - - - Copreus, *Walk.*
b. Thoracis discus niger. - - - festinans, *Walk.*
b. Femora ferruginea.
B. Thorax vittatus.
a. Thorax niger, vittis duabus ferrugineis. occidens, *Walk.*
b. Thorax fuscus, vittis duabus ferrugineis. - Silanus, *Walk.*
c. Thorax ferrugineus, vittis quatuor nigris. Carvilius, *Walk.*
d. Thorax flavus, vittis quatuor piceis. - inserens, *Walk.*
e. Thorax ferrugineus, vittis tribus nigris. - Allia, *Walk.*
f. Thorax fulvus, vittis tribus nigris. - - Carus, *Walk.*
g. Thorax ferrugineus, vittis tribus piceis. Volcatius, *Walk.*
h. Thorax fulvus, vittis tribus piceis, ferrugineo marginatis. Potitus, *Walk.*

B. Alæ limpidæ.
  A. Thorax vittis quinque nigris. - - Anemetus, *Walk.*
  B. Thorax vittis tribus nigris. - - - Phalna, *Walk.*
  C. Thorax vittis tribus piceis.
    a. Abdomen ferrugineum, maculis nigris, fasciisque fulvis. Cerretanus, *Walk.*
    b. Abdomen piceum, fasciis ferrugineis lateribusque fulvis. Ægon, *Walk.*

305. Dasypogon Copreus.

Dasypogon Copreus, *Cat. of Diptera*, Pt. 2, 326.

306. Dasypogon festinans.

Dasypogon festinans, *Diptera Saundersiana*, Pt. 2, 92.

307. Dasypogon occidens.

Dasypogon occidens, *Diptera Saundersiana*, Pt 2, 91.

308. Dasypogon Silanus.

Dasypogon Silanus, *Cat. of Diptera*, Pt. 2, 326.

309. Dasypogon Carvilius.

Dasypogon Carvilius, *Cat. of Diptera*, Pt. 2, 341.

310. Dasypogon inserens.

Dasypogon inserens, *Diptera Saundersiana*, Pt. 2, 91.

311. Dasypogon Volcatius.

Dasypogon Volcatius, *Cat. of Diptera*, 2, 336.

312. Dasypogon Potitus.

Dasypogon Potitus, *Cat. of Diptera*, 2, 327.

313. Dasypogon Anemetus.

Dasypogon Anemetus, *Cat. of Diptera*, 2, 330.

314. Dasypogon Phalna.

Dasypogon Phalna, *Cat. of Diptera*, 2, 331.

315. Dasypogon Cerretanus.

Dasypogon Cerretanus, *Cat. of Diptera*, 2, 328.

316. Dasypogon Ægon.

Dasypogon Ægon, *Cat. of Diptera*, Pt. 2, 329.

Group 3.

See page 469.

317. Dasypogon Acratus.

Dasypogon Acratus, *Cat. of Diptera*, Pt. 2, 349.

318. Dasypogon Garamas.

Dasypogon Garamas, *Cat. of Diptera*, 2, 346.

Group 4.

See page 430.

319. DASYPOGON NUMICIUS.

Dasypogon Numicius, *Cat. of Diptera*, Pt. 2, 335.

320. DASYPOGON ALLIA.

Dasypogon Alliæ, *Cat. of Diptera*, Pt. 2, 334.

321, DASYPOGON CARUS.

Dasypogon Carus, *Cat. of Diptera*, Pt. 2, 334.

Group 5.

Corpus elongatum, fere nudum, setis nonnullis lateralibus. Facies plana. Mystax setis plurimis elongatis attenuatis. Pedes validi, setosi, breviusculi. Alæ abdomine breviores.

Fore fork of the cubital vein forming near its base a slightly obtuse angle, which emits a short branch, almost straight from thence to near its tip, where it is slightly curved forward; hind fork united to the first externo-medial near the border; first and second externo-medial veins straight; third forming a hardly obtuse angle with the præbrachial, joining the fourth at some distance from the border. Subanal united to the anal near the border.

322. DASYPOGON MARICUS.

Dasypogon Maricus, *Cat. of Diptera*, Pt. 2, 350.

Group ——?

A. Thorax niger.
  A. Thorax fascia alba. - - - - luctuosus, *Macq.*
  B. Thorax fasciis quatuor fulvis. - - annulatus, *Macq.*
B. Thorax fuscanus. - - - - - gracilis, *Macq.*
C. Thorax pallidus, vittis fuscis.
  A. Abdomen fuscum. - - - - angustiventris, *Macq.*
  B. Abdomen nigrum, fasciis luteis. - - decorus, *Macq.*

323. DASYPOGON LUCTUOSUS.

Niger; mystax albus; thorax albo fasciatus et maculatus; abdomen utrinque punctis quinque albis; alæ fuscæ, linea alba.

Dasypogon luctuosus, *Macq. Dipt. Exot.* i. 2, 39, 16.

Allied to D. albo-notatus, *Wied.*

324. DASYPOGON ANNULATUS.

Fœm. *Niger; thorax fulvo quadrivittatus; abdominis segmenta fulvo fasciata; pedes fulvi; alæ subcinereæ.*

Dasypogon annulatus, *Macq. Dipt. Exot.* i. 2, 38, 14.

325. DASYPOGON GRACILIS.

Fœm. *Gracilis, niger; antennæ basi coarctatæ; thorax fuscanus; abdomen nitidum; pedes fusco-fulvi; alæ rufescentes.*

Dasypogon gracilis, *Macq. Dipt. Exot.* i. 2, 39, 15, pl. 3, f. 4.

326. DASYPOGON ANGUSTIVENTRIS.

Mas. *Flavidus; mystax flavus; thorax vittis fuscis; abdomen angustum, elongatum, fuscanum; pedes fulvi; alæ flavidæ, apice subfuscæ.*

Dasypogon angustiventris, *Macq. Dipt. Exot. Suppl.* 1, 65, 43, pl. 6, f. 9.

327. DASYPOGON DECORUS.

Fœm. *Luteus; thoracæ fusco vittatus; abdomen nigrum, luteo fasciatum; pedes fulvi, femoribus posterioribus basi nigris; alæ fuscanæ, fulvo bimaculatæ.*

Dasypogon decorus, *Macq. Dipt. Exot.* i. 2, 40, 17, pl. 3, f. 1.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

Microstylum, *Macq.*

328. DASYPOGON APHIDAS.

Dasypogon Aphidas, *Cat. of Diptera*, Pt. 2, 306.

Var.? *Niger; abdomen fulvum; alæ fuscanæ.*

Microstylum rufiventre, *Macq. Dipt. Exot.* i. 2, 31, 10.

Group 2.

Group of D. Scheno. See p. 455.

329. DASYPOGON AGATHYLLUS.

Dasypogon Agathyllus, *Cat. of Diptera*, Pt. 2, 319.

Group 3.

Discocephalæ affinis. Corpus fere nudum. Caput breve. Facies plana. Mystax setis quatuor apud epistoma. Proboscis brevis, subarcuata. Pedes breves, graciles, parum setosi. Alæ sat longæ.

Fore fork of the cubital vein almost straight, slightly curved near each end; hind fork hardly undulating; first externo-medial vein undulating; second, third and fourth hardly undulating; third very remote from the fourth. Subanal joining the anal very far from the border.

330. Dasypogon Coon.

Dasypogon Coon, *Cat. of Diptera*, Pt. 2, 353.

Group 4.

Corpus validum. Caput subtus et thoracis latera dense hirta. Facies apud epistoma subconvexa. Mystax setis plurimis. Proboscis robusta, recta. Antennarum articulus 3us lanceolatus, vix stylatus. Alæ abdomine vix longiores.

Forks of the cubital vein rather short; fore fork much curved near its base, nearly straight from thence to its tip; hind fork slightly inclined towards the first externo-medial vein; first and second externo-medial veins almost straight; third inclined towards the fourth, but at some distance from it on the border. Subanal united to the anal on the border.

331. Dasypogon Barrus.

Dasypogon Barrus, *Cat. of Diptera*, Pt. 2, 353.

Group 5.

Corpus parvum, fere nudum. Facies fere plana. Mystax dense setosus. Proboscis longiuscula. Pedes validi, breviusculi, hirti, setosi. Alæ abdomine paullo breviores.

Forks of the cubital vein and the four externo-medial veins nearly straight; third externo-medial remote from the fourth. Subanal near the anal on the border.

332. Dasypogon Aphidnus.

Dasypogon Aphidnus, *Cat. of Diptera*, Pt. 2, 360.

Group —— ?

A. Alæ nigræ. - - - - - - - funebris, *Macq.*
B. Alæ fuscæ. - - - - - - fuscipennis, *Macq.*
C. Alæ hyalinæ. - - - - - - - claripennis, *Macq.*

333. DASYPOGON FUNEBRIS.

Mas. *Ater, gracilis; thorax albo lineatus; alæ nigræ, basi postice hyalinæ.*

Dasypogon funebris, *Macq. Dipt. Exot.* i. 2, 47, 32.

334. DASYPOGON FUSCIPENNIS.

Mas. *Niger; alæ fuscæ.*

Microstylum fuscipennis, *Macq. Dipt. Exot.* i. 2, 30, 9.
Dasypogon nigricauda, Var.? *Wied.*

335. DASYPOGON CLARIPENNIS.

Fœm. *Niger; facies alba; mystax flavicans; alæ hyalinæ, venis externo-mediis 3a et 4a non connexis.*

Dasypogon claripennis, *Macq. Dipt. Exot.* i. 2, 47, 33.

Div. —— ?

A. Thorax niger.
A. Alæ nigræ. - - - - - - - Nomada, *Wied.*
B. Alæ fuscæ. - - - - - - lugubris, *Wied.*
C. Alæ flavescentes, antice fuscæ. - - Histrio, *Wied.*
D. Alæ limpidæ. - - - - - - nitens, *Wied.*
B. Thorax canescens, fusco vittatus. - - tæniatus, *Wied.*
C. Thorax flavidus.
A. Antennæ ferrugineæ. - - - fenestratus, *Wied.*
B. Antennæ nigræ. - - - - - difficilis, *Wied.*

336. Dasypogon Nomada.

Fœm. *Ater; antennæ elongatæ; abdomen saturate flavum, basi albo cinctum; alæ nigræ, basi limpidæ.*

Dasypogon Nomada, *Wied. Auss. Zweifl.* i. 397, 49.

337. Dasypogon lugubris.

Fuliginoso-niger; alæ fuscæ. Mas.—*Abdomen basi album, apice nigrum.* Fœm.—*Abdomen ferruginosum.*

Dasypogon lugubris, *Wied. Auss. Zweifl.* i. 384, 28.

338. Dasypogon Histrio.

Fœm. *Niger; antennæ, thoracis anguli, scutellum, abdominis fasciæ pedesque saturate flava; alæ subflavescentes, dimidio costali fusco.*

Dasypogon Histrio, *Wied. Auss. Zweifl.* i. 400, 54.

339. Dasypogon nitens.

Fœm. *Niger, flavido hirtus; abdomen utrinque vitta marginali olivaceo-flavida; tibiæ flavæ; alæ limpidæ.*

Dasypogon nitens, *Wied. Auss. Zweifl.* i. 408, 67.

340. Dasypogon tæniatus.

Mas. *Canescens; antennæ ferrugineæ; thorax fusco vittatus; abdomen macula singuli segmenti quadrata fusca, antice vitta utrinque rubida; pedes ferruginei, nigro-fusco varii; alæ subflavescentes.*

Dasypogon tæniatus, *Wied. Auss. Zweifl.* i. 373, 11.

341. DASYPOGON FENESTRATUS.

Fœm. *Flavidus; antennæ omnino? ferrugineæ; thorax vix vittatus; abdomen ferruginosum; pedes flavi, femoribus supra nigris; alæ fuscanæ, vitta ad basim limpidissima.*

Dasypogon fenestratus, *Wied. Auss. Zweifl.* i. 377, 18.

342. DASYPOGON DIFFICILIS.

Flavidus; antennæ nigræ; thorax vix vittatus; abdomen nigricans, incisuris ferrugineis; pedes flavi, femoribus supra nigris; alæ fuscanæ, vitta ad basim limpidissima.

Dasypogon difficilis, *Wied. Auss. Zweifl.* i. 378, 19.

Genus 4. PSEUDORUS.

Antennarum articulus 3us dilatatus, 1o et 2o conjunctim fere triplo longior. Thoracis dorsum gibbosum, antice porrectum.

Pseudorus, *Diptera Saundersiana*, Pt. 2, 103.

Third externo-medial vein approaching very near to the fourth on the border of the wing; subanal united to the anal at some distance from the border.

1. PSEUDORUS PICEUS.

Pseudorus piceus, *Diptera Saundersiana*, Pt. 2, 103, pl, 4, f. 5.

South America.

Genus 5. BRACHYRHOPALA.

Corpus breve, fere nudum. Mystax simplex. Proboscis porrecta. Palpi breves, tenues. Antennæ vix capitis longitudine, basi vix villosæ; articulus 3us 1o triplo longior, supra fere rectus, subtus paullo convexus, basi attenuatus. Abdomen obclavatum. Tibiæ anticæ calcaratæ. Alarum venæ externo-mediæ 3a et 4a apud marginem remotæ; subanalis et analis valde approximatæ, non conjunctæ.

Brachyrhopala, *Macq. Dipt. Exot. Suppl.* 2, 35.

Forks of the cubital vein and the four externo-medial veins almost straight; third externo-medial very remote from the fourth; subanal near the anal on the border.

1. BRACHYRHOPALA RUFICORNIS.

Fœm.? *Nigra, nitida; antennæ pedesque fulva; scutellum testaceum; abdomen fasciis flavis; alæ dimidio costali fuscanæ.*

Brachyrhopala ruficornis, *Macq. Dipt. Exot. Suppl.* 2, 36, 1, pl. 1, f. 7.

a. Tasmania. From Mr. Saunders' collection.

Genus 6. EUSCELIDIA.

Caput mediocre, transversum, thorace parum latius. Proboscis porrecta acuta, capitis longitudine. Palpi breves, seta longitudinis proboscidis terminati, facies parum obliqua, epistomate barbato. Antennæ breves, graciles, articulo 3o duobus basalibus conjunctim fere duplo longiore, apice acuminato, arista brevi, setiformi, subbiarticulata. Thorax brevis, ovatus. Alæ subangustæ. Abdomen longum, gracile, clavatum, basi hirsutum. Pedes anteriores graciles. Femora postica clavata, valde hirsuta, tibiis posticis elongatis subrectis; tarsis omnibus raptoriis, 1o articulis subtus spinosis, ultimo majori subincurvo, unguibus valde elongatis et acutis.

Euscelidia, *Westw. Trans. Ent. Soc. Lond.* v. 232.

1. EUSCELIDIA RAPAX.

Nigra, thoracis latera cinerea; abdomen fulvo fasciatum, femora postica tibiæque fulva.

Euscelidia rapax, *Westw. Trans. Ent. Soc. Lond.* v. 232, pl. 23, f. 4.

Tropical Africa?

Genus 7. DOLICHODES.

Caput non depressum: antennæ arista brevi: abdomen longissimum, non petiolatum.

Dolichodes, *Macq. Dipt. Exot.* i. 2, 49.

General structure of the wing-veins like that of *Dasypogon*. Third externo-medial vein inclined towards the fourth, but at some distance from it on the border; subanal united to the anal on the border.

1. Dolichodes ferrugineus.

Mas. *Ferrugineus; thorax fusco trivittatus; abdominis incisuræ pallidæ; alæ flavescentes.*

Dolichodes ferruginea, *Macq. Dipt. Exot.* i. 2, 49, 1, pl. 4, f. 1.

Brazil.

Genus 8. DISCOCEPHALA.

Caput depressum; antennæ arista brevi; abdomen longitudine mediocri, non petiolatum.

Discocephala, *Macq. Dipt. Exot.* i. 2, 50.
Dasypogon, *Fabr.; Wied.*

Structure of the wing-veins like that of *Dasypogon*. Third externo-medial vein remote from the fourth on the border; subanal united to the anal.

North America.

1. Discocephala rufiventris.

Fusca, palpi et mystax fulvi; antennæ nigræ; abdomen et pedes fulva; alæ nigricantes.

Discocephala rufiventris, *Macq. Dipt. Exot.* i. 2, 50, 1, pl. 4, f. 2.
Dasypogon Æta, *Cat. of Diptera*, Pt. 2, 362.

Carolina.

2. DISCOCEPHALA AMASTRIS.

Dasypogon Amastris, *Cat. of Diptera*, Pt. 2, 362.

Fore fork of the cubital vein almost straight, slightly curved at its base; hind fork and first externo-medial vein straight; second externo-medial slightly curved; third inclined towards the fourth, but remote from it on the border; subanal joining the anal on the border.

Mexico.

3. DISCOCEPHALA NITIDUS.

Lutea, nigro vittata; abdomen utrinque albidum; alæ infumatæ.

Dasypogon nitidus, *Wied. Auss. Zweifl.* ii. 643, 60.

South America.

A. Thorax dorso rufo. - - - - rufithorax, *Wied.*
B. Thorax flavo quadrivittatus. - - - oculata, *Fabr.*
C. Thorax flavo bivittatus. - - - albo-atra, *Walk.*
D. Thorax totus ater.
A. Alæ limpidæ, triente basilari nigra. - - nigrita, *Fabr.*
B. Alæ nigro-fuscæ, triente apicali sublimpida. apicalis, *Walk.*

4. DISCOCEPHALA RUFITHORAX.

Niger; thoracis dorsum et femora anteriora rufa; alæ fusco-nigræ, dimidio apicali pallidiore.

Dasypogon rufithorax, *Wied. Auss. Zweifl.* i. 410, 72.
Brazil.

Var. β. *Femora anteriora nigra. Alæ dimidio apicali limpido.*
a. Parà. From Mr. Bates' collection.

5. Discocephala oculata.

Nigro-fusca ; thorax vittis duabus margineque luteis ; alæ fuscæ.

Dioctria oculata, *Fabr. Syst. Antl.* 151, 12.
Dasypogon oculatus, *Wied. Dipt. Exot.* i. 230, 31 ; *Auss. Zweifl.* i. 412, 76.
Dasypogon Agalla, *Cat. of Diptera*, Pt. 2, 361.

Fore fork of the cubital vein almost straight, slightly curved at its base; hind fork and the first and second externo-medial veins straight; third remote from the fourth, which is very slightly undulating; subanal united to the anal very near the border.

Brazil.

6. Discocephala albo-atra.

Discocephala albo-atra, *Diptera Saundersiana*, Pt. 2, 100, pl. 3, f. 8.

a. Brazil. From Mr. Saunders' collection.

7. Discocephala nigrita.

Atra ; alæ limpidæ, triente basilari nigra.

Dioctria nigrita, *Fabr. Syst. Antl.* 152, 13. *Wied. Dipt. Exot.* i. 180, 2 ; *Auss. Zweifl.* i. 366, 4.

South America.

8. Discocephala apicalis.

Atra ; alæ nigro-fuscæ, triente apicali sublimpida, apice fusca.

Body, antennæ and legs black. Wings blackish brown; apical third part nearly limpid, with the exception of the extreme tips, which are brown. Length of the body 2¾ lines; of the wings 6 lines.

a. West Coast of America. Presented by Capt. Kellett and Lieut. Wood.

Africa.

A. Abdomen apice nigrum aut cinereum.
A. Tibiæ nigræ. - - - - - - caffra, *Macq.*
B. Tibiæ testaceæ. - - - - - - tibialis, *Macq.*
B. Abdomen apice fulvum. - - - - - analis, *Macq.*
C. Abdomen rufum. - - - - - imbuta, *Walk.*

9. DISCOCEPHALA CAFFRA.

Nigra; mystax albidus; thorax flavo hirtus; abdomen cinereum; alæ fuscæ.

Discocephala caffra, *Macq. Dipt. Exot. Suppl.* 1, 70, 4.
Caffraria.

10. DISCOCEPHALA TIBIALIS.

Fœm. *Nigra; thorax cinereus, vittis nigris; tibiæ testaceæ; alæ fuscæ.*

Discocephala tibialis, *Macq. Dipt. Exot. Suppl.* 1, 69, 2.
Caffraria.

11. DISCOCEPHALA ANALIS.

Nigra; mystax albidus; abdomen apice tibiæque fulva; alæ fuscæ.

Discocephala analis, *Macq. Dipt. Exot. Suppl.* 1, 69, 3.
Port Natal.

12. DISCOCEPHALA IMBUTA.

Mas. *Niger; thorax vittis tribus cinereis; abdomen rufum; pedes robusti, nitidi, tibiis rufescentibus apice nigris; alæ nigro-fuscæ.*

Male. Black. Head with black hairs in front, with pale tawny hairs behind and beneath. Thorax with three slight gray

stripes and with tawny hairs; hinder part ferruginous. Abdomen red, thickly clothed with long and short red hairs; tip black. Legs stout, shining; femora slightly incrassated; tibiæ subclavate, reddish black towards the tips; metatarsi long, slightly dilated; ungues and onychia of moderate size; middle tibiæ with short stout spurs. Wings blackish brown, rather paler along the hind border. Halteres yellow. Length of the body 5 lines; of the wings 10 lines.

a. Port Natal. From Mr. Stevens' collection.

East Indies.

13. DISCOCEPHALA PRYTANIS.

Dasypogon Prytanis, *Cat. of Diptera*, Pt. 2, 363.

Forks of the cubital vein and the four externo-medial veins nearly straight; third externo-medial vein remote from the fourth. Subanal vein united to the anal very far from the border.

Genus 9. CABASA.

Antennarum articulus 2us 1o multo brevior; 3us linearis, subarcuatus, 1o et 2o conjunctim multo longior.

Cabasa, *Diptera Saundersiana*, Pt. 2, 100.

Forks of the cubital vein and the four externo-medial veins nearly straight; third externo-medial vein slightly inclined towards the fourth, but at some distance from it on the border; subanal nearly joining the anal on the border.

1. CABASA PULCHELLA.

Niger; thorax ruber; abdomen maris *violaceum; alæ fuscæ.*

Dasypogon pulchellus, *Macq. Dipt. Exot. Suppl.* 1. 62, 37, pl. 7, f. 9.

Tasmania.

Var. Cabasa rufithorax, *Diptera Saundersiana*, Pt. 2, 100, pl. 3, f. 5.

a. New South Wales. From Mr. Saunders' collection.

2. CABASA VENNO.

Dasypogon Venno, *Cat of Diptera*, Pt. 2, 359.

Genus 10. SENOBASIS.

Antennæ arista brevi. Oculi remoti. Abdomen petiolatum. Alæ areola mediastinali aperta.

Senobasis, *Macq. Dipt. Exot.* i. 2, 52, 9.

Third externo-medial vein united to the fourth, and subanal vein united to the anal, at some distance from the border.

1. SENOBASIS ANALIS.

Mas. *Nigra; antennæ basi testaceæ; thoracis latera fulvo vittata; abdomen fulvum, apice nigrum; pedes fulvi; alæ flavidæ, apice fuscæ.*

Senobasis analis, *Macq. Dipt. Exot.* i. 2, 53, 1, pl. 5, f. 1.

Brazil.

2. SENOBASIS FENESTRATA.

Fœm. *Nigra; thoracis latera, scutellum, abdomen basi, pedesque fulva; alæ fuscæ.*

Senobasis fenestrata, *Macq. Dipt. Exot.* i. 2, 53, 2.

Brazil.

Genus 11. PLESIOMMA.

Antennæ breves. Oculi fere contigui. Abdomen petiolatum. Alæ areola mediastinali aperta.

Plesiomma, *Macq. Dipt. Exot.* i. 2, 54, 10.

Third externo-medial vein much inclined to the fourth, and approaching near to it on the border; subanal united to the anal very near the border.

1. Plesiomma testacea.

Mas. *Testacea ; antennæ fulvæ ; thorax nigro subvittatus ; abdomen fulvum, fusco fasciatum ; pedes fulvi, tibiis posticis femoribusque fuscis ; tibiæ basi flavæ ; alæ fuscanæ.*

Plesiomma testacea, *Macq. Dipt. Exot.* i. 2, 55, 1, pl. 5, f. 2.

2. Plesiomma nigra.

Mas et Fœm. *Nigra ; abdomen cyaneo-nigrum ; pedes obscure fusci ; alæ flavidæ, basi costaque fuscanis.*

Plesiomma nigra, *Macq. Dipt. Exot.* i. 2, 55, 2.
Dasypogon fuliginosus? *Wied.*
Brazil.

ADDENDA.

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DIOCTRIA OCHROCERA.

Subcinerea; mystax niger; antennarum articuli duo terminales ochraceo-lutei; thoracis dorsum subbilineatum; abdomen nigrum nitidum, segmentis 2—5 postice utrinque linea transversa alba; tibiæ apice tarsique pilis intermixtis rufis; alæ ad costam subfumosæ; halteres flavi.

Dioctria ochrocera, *Duf. Ann. Soc. Ent. Fr. 2me Sér.* x. 9, pl. 1, No. 1, f. 21—23.

Madrid.

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Genus PHELLUS.

Mystax densissime setosus. Proboscis brevis, recta, valida. Antennarum articulus 1us 2o duplo longior; 3us sublinearis; arista brevissima, 1o plus triplo longior. Abdomen basi longe pilosum. Pedes pilosi; tibiæ tarsique postica ciliata.

Phellus, *Diptera Saundersiana*, Pt. 2, 110.

Fore fork of the cubital vein slightly curved, emitting a long branch towards the base of the wing; hind fork very slightly undulating; first and second externo-medial veins very slightly curved; third forming a hardly acute angle with the præbrachial, joining the fourth at a long distance from the border; subanal joining the anal very far from the border.

This genus is very nearly allied to *Dasypogon*, and especially to the group *Microstylum*.

1. PHELLUS GLAUCUS.

Phellus glaucus, *Diptera Saundersiana*, Pt. 2, 110, pl. 4, f. 6.
a, *b*. Swan River. From Dr. Bacon's collection.

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DASYPOGON TRIFASCIATUS.

a. United States? From Mr. Saunders' collection.

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DASYPOGON? CEPPHICUS.

Nigra; facies argentea; arista biarticulatæ.

Dasypogon cepphicus, *Say*, *Journ. Acad. Nat. Sci. Philad.* vi. 158
Mexico.

DASYPOGON NITIDUS.

Luteus, nigro vittatus; abdomen utrinque albidum; pedes nigro-fusci, femoribus basi flavescentibus; alæ infumatæ.

Dasypogon nitidus, *Wied. Aus. Zweifl.* ii. 643, 60.
Mexico.

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DASYPOGON RUFIVENTRIS.

Var.? *Nigra; facies testacea; abdomen rufum, basi maculisque dorsalibus nigricantibus, femora anteriora obscure rufa; femora tibiaque postica rufa, apice nigra; alæ cinereæ, venis nigris basi et apud costam fulvis.*

Body stout, thinly pubescent, nearly bare. Face slightly convex towards the epistoma. Mystax with a few hairs and bristles.

Proboscis stout, lanceolate. Third joint of the antennæ tapering from the base to the tip, which is very pointed and slender. Abdomen long-obconical. Legs stout. Forks of the cubital vein and first and second externo-medial veins nearly straight; third externo-medial inclined towards the fourth, but at some little distance from it on the border; subanal joining the anal on the border.

a. Parà. From Mr. Bates' collection.

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DASYPOGON EXAMINANS.

a. Parà. From Mr. Stevens' collection.

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DASYPOGON LEPTOGASTER.

Fuscus; abdomen pallidius, basi coarctatum; alæ ad marginem anticum late et sordide ferrugineæ, postice hyalinæ.

Laphria leptogaster, *Perty, Delect. Anim. Artic. Bras.* 130, pl. 36, f. 2.

Bahia.

DASYPOGON COARCTATUS.

Ferrugineus; thorax fuscus, lateribus scutelloque flavis stria media ferruginea; abdomen basi coarctatum, segmentorum 3o ad 7um marginibus posticis flavis; alæ subferrugineæ, obsolete fusco nubilæ.

Laphria coarctata, *Perty, Delect. Anim. Artic. Bras.* 131, pl. 36, f. 4.

Dasypogon castaneus? *Macq.*

Rio Negro.

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Group 4.

Corpus fere nudum. Facies plana. Mystax setis sex aut octo. Proboscis longiuscula, lanceolata. Antennarum articulus 3us sub-

clavatus, 1o et 2o conjunctim vix longior. Abdomen longi-lanceolatum. Pedes validi, setis paucis.

Forks of the cubital vein and the four externo-medial veins nearly straight; third externo-medial slightly inclined towards the fourth, but remote from it on the border.

DASYPOGON DISCOLOR.

Obscure fuscus; caput, thoracis vittæ duæ, pectus et venter albido tomentosa; antennæ et pedes nigra, hi testaceo varii; alæ subcinereæ.

Dark brown. Head, pectus, under side of the abdomen and coxæ with whitish tomentum. Proboscis and antennæ black. Thorax with two stripes of whitish tomentum. Legs black; tibiæ and under side of the femora testaceous; tips of the anterior tibiæ and apical half of the hind femora black. Wings slightly grayish; veins black. Halteres testaceous. Length of the body 3½ lines; of the wings 6 lines.

a. ——— ?

Page 473.

Group Microstylum, *Macq.*

See page 451.

DASYPOGON SORDIDUS.

Nigro-fuscus; antennæ nigræ; pectus canum; abdomen fulvo-fuscum; alæ cinereo-fuscæ.

Blackish brown. Head with black hairs behind, with white hairs beneath. Mystax with a few white bristles. Antennæ black. Pectus hoary. Abdomen tawny brown, pubescent, and with whitish hairs, which are most prevalent towards the base. Sexualia piceous. Legs with whitish hairs and with black bristles; onychia tawny. Wings grayish brown; veins black. Length of the body 11 lines; of the wings 16 lines.

a. China. From Mr. Stevens' collection.

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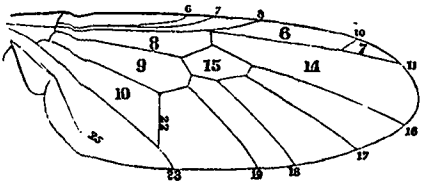
DASYPOGON PHALNA.

a. Santarem. From Mr. Bates' collection.

E. NEWMAN, PRINTER, DEVONSHIRE STREET, BISHOPSGATE.

Fig. A.—SARGUS.



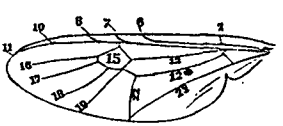
AREOLETS.

6. Cubital, 1st.
7. Cubital, 2nd.
8. Præbrachial.
9. Pobrachial.
10. Anal.
14. Subapical.
15. Discal.

VEINS.

6. Mediastinal vein.
7. Subcostal vein.
8. Radial vein.
10. First branch vein, or 1st cubital vein.
11. Second branch vein, or 2nd cubital vein.
16—19. Externo-medial veins.
22. Subanal vein.
23. Anal vein.
25. Subaxillary vein.

Fig. B.—SARGUS CUPRARIUS.



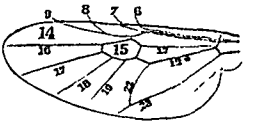
AREOLET.

15. Discal.

VEINS.

1. Humeral veinlet.
6. Mediastinal vein.
7. Subcostal vein.
8. Radial vein.
10. First branch vein.
11. Second branch vein.
12. Præbrachial vein.
12*. Pobrachial vein.
16—19. Externo-medial veins.
22. Subanal vein.
23. Anal vein.

Fig. C.—NEMOTELUS PANTHERINUS.



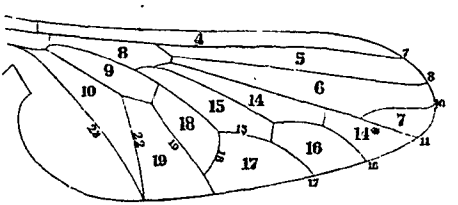
AREOLETS.

14. Subapical.
15. Discal.

VEINS.

6. Mediastinal vein.
7. Subcostal vein.
8. Radial vein.
9. Cubital vein.
12. Præbrachial vein.
12*. Pobrachial vein.
16—19. Externo-medial veins.
22. Subanal vein.
23. Anal vein.

Fig. D.—CYRTUS.



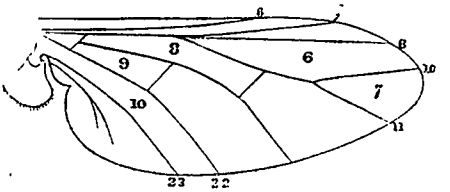
AREOLETS.

4. Mediastinal.
5. Radial.
6. Cubital, 1st.
7. Cubital, 2nd.
8. Præbrachial.
9. Pobrachial.
10. Anal.
14. Subapical.
14*. Second Subapical.
15. Discal.
16—19. Externo-medial.

VEINS.

7. Subcostal vein.
8. Radial vein.
10. First branch vein.
11. Second branch vein.
15. Discal veinlet.
16—19. Externo-medial veins.
22. Subanal vein.
23. Anal vein.

Fig. E.—Acrocera.



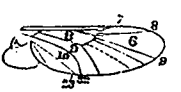
AREOLETS.

6. Cubital, 1st.
7. Cubital, 2nd.
8. Præbrachial.
9. Pobrachial.
10. Anal.

VEINS.

6. Mediastinal.
7. Subcostal vein.
8. Radial vein.
10. First branch vein.
11. Second branch vein.
22. Subanal vein.
23. Anal vein.

Fig. F.—Henops.



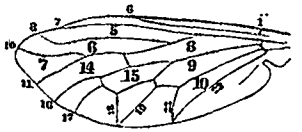
AREOLETS.

6. Cubital, 1st.
8. Præbrachial.
9. Pobrachial.
10. Anal.

VEINS.

7. Subcostal vein.
8. Radial vein.
9. Cubital vein.
22. Subanal vein.
23. Anal vein.

Fig. G.—Dasypogon punctatus.



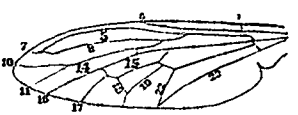
AREOLETS.

5. Radial.
6. Cubital, 1st.
7. Cubital, 2nd.
8. Præbrachial.
9. Pobrachial.
10. Anal.
14. Subapical.
15. Discal.

VEINS.

1. Humeral veinlet.
6. Mediastinal vein.
7. Subcostal vein.
8. Radial vein.
10. First branch vein.
11. Second branch vein.
16—19. Externo-medial veins.
22. Subanal vein.
23. Anal vein.

Fig. H.—Laphria gilva.



AREOLETS.

5. Radial.
14. Subapical.
15. Discal.

VEINS.

1. Humeral veinlet.
6. Mediastinal vein.
7. Subcostal vein.
8. Radial vein.
10. First branch vein.
11. Second branch vein.
16—19. Externo-medial veins.
22. Subanal vein.
23. Anal vein.

LIST

OF THE

SPECIMENS

OF

DIPTEROUS INSECTS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART VII.

SUPPLEMENT III.

PRINTED BY ORDER OF THE TRUSTEES.
LONDON, 1855.

LONDON:
PRINTED BY EDWARD NEWMAN,
9, DEVONSHIRE ST., BISHOPSGATE.

INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of the specimens of Dipterous Insects contained in the collection of the British Museum, indicating at the same time the peculiarities of each, as regards variations of character, locality, and the source from whence it has been derived. With this view, the different individuals of each species contained in the collection are indicated by the letters *a*, *b*, *c*, &c., following the name of the species and its synonymes, and the description, if it appeared to have been before undescribed.

The Catalogue of Dipterous Insects has been prepared and the new species described by Mr. FRANCIS WALKER, F.L.S., so well known for his attention to this order of Insects.

This part contains a revision of the rest of the family *Asilidæ*, with a description of the species added since the former parts were printed.

JOHN EDWARD GRAY.

British Museum,
March 19th, 1855.

LIST OF DIPTERA.

SECOND SERIES.

PART III.

Sub-family 3. LAPHRITES.

Ocelli tres. Antennæ 3-articulatæ; arista sæpissime nulla. Alarum vena radialis subcostali ad apicem connexa.

Laphritæ, *Macq.*

A. Caput mystax nullo. - - - 1. Megapoda, *Macq.*
B. Caput mystacinum.
A. Oviductus brevis.
a. Antennæ capite medio insertæ.
a. Antennarum articulus 3us nudus.
i. Corpus non punctatum. Alarum venula discalis et vena externo-media 3a disjunctæ.*
1. Abdomen basi non contractum.
* Femora postica anterioribus valde crassiora.
† Palpi lati, ovati, acuminati.
2. Hoplistomera, *Macq.*
†† Palpi gracillimi. - - 3. Lampria, *Macq.*
** Femora postica anterioribus non crassiora.
† Arista nulla.
‡ Antennarum articulus 3us 1o paullo longior.
6. Nusa, *Walk.*

* In Laphriâ scapulari conjunctæ.

‡‡ Antennarum articulus 3us lo multo longior.
§ Fœminæ abdomen apice spinosum.
5. Scandon, *Walk.*
§§ Fœminæ abdomen apice non spinosum.
* Antennæ non capitatæ. - - 4. Laphria, *Meig.*
** Antennæ capitatæ. - - 7. Ampyx, *Walk.*
†† Arista distincta. - 8. Laphystia, *Loew.*
2. Abdomen petiolatum.
* Antennæ valde elongatæ. 9. Rhopalogaster, *Macq.*
** Antennæ mediocriter longæ. 10. Michotamia, *Macq.*
ii. Corpus sæpissime punctatum.
† Alarum venula discalis et vena externo-media 3a plus minusve conjunctæ. 11. Atomosia, *Macq.*
†† Alarum venula discalis et vena externo-media 3a disjunctæ. - - - 12. Cormansis, *Walk.*
b. Antennarum articulus 3us villosus. 13. Laxenecera, *Macq.*
B. Antennæ capite infimo insertæ. 14. Tapinocera, *Macq.*
B. Oviductus elongatus. Venæ cubitalis ramus anticus ramulum rejiciens. - - - - - - 15. Phoneus, *Macq.*

Genus 1. MEGAPODA.

Caput mystace nullo. Epistoma bisetosum. Proboscis porrecta. Antennæ triarticulatæ, non stylatæ; articulus 3us obtusus. Pedes longi; onychia conspicua. Alæ areola mediastinali clausa.

Laphria, p., *Fabr.*; *Wied.*
Dasypogon, p., *Perty.*
Megapoda, *Macq. Hist. Nat. Dipt.* i. 288.

Wings long, narrow. Fore fork of the cubital vein undulating; hind fork and first externo-medial slightly curved hindward, parallel to each other; second externo-medial nearly straight; third forming a very oblique angle with the præbrachial, joining the fourth at some distance from the border. Subanal united to the anal very near the border.

Mexico.

1. MEGAPODA CYANEIVENTRIS.

Fœm. *Nigra; antennæ testaceæ; abdomen cyaneum; pedes fusci, tarsis posticis crassis hirtis; alæ subfuscæ.*

Megapoda cyaneiventris, *Macq. Dipt. Exot. Suppl.* i. 71, 3, pl. 7, f. 12.

Mexico.

South America.

2. MEGAPODA LABIATA.

Nigra, nudiuscula; labrum flavum; abdomen chalybeum; tarsi antici flavi; alæ fuscæ.

Laphria labiata, *Fabr.*

3. MEGAPODA CRASSITARSIS.

Mas. *Testacea; pedes elongati, tarsis posticis crassis hirtis; alæ flavidæ.*

Megapoda crassitarsis, *Macq. Dipt. Exot. Suppl.* 1, 70, 2, pl. 7, f. 11.

Brazil.

Genus 2. HOPLISTOMERA.

Corpus non punctatum. Caput mystace conspicuo. Proboscis porrecta. Palpi lati, ovati, acuminati. Antennæ triarticulatæ, non stylatæ, insertione solita; articulus 3us nudus, obtusus. Abdomen non petiolatum. Oviductus brevis. Femora postica anterioribus multo crassiora. Alarum vena cubitalis ramo antico simplici.

Hoplistomera, *Macq. Dipt. Exot.* i. 59.
Laphria, p., *Fabr.; Wied.*

Body pubescent, with very few hairs and bristles. Face flat. Mystax with a few bristles. Proboscis short, stout, straight, lanceolate. Third joint of the antennæ linear, slender, very much longer than the first and the second together. Hind femora very thick, armed beneath with teeth. Radial vein curved abruptly to the subcostal. Fore fork of the cubital much curved, its curve nearly parallel to that of the radial; hind fork curved hindward, joining the first externo-medial at a short distance from the border; second externo-medial straight; third forming an almost right angle with the præbrachial, joining the fourth far from the border. Subanal united to the anal very near the border.

1. HOPLISTOMERA SERRIPES.

Nigra, fulvo hirta; femora postica incrassata serrata; alæ fusco bifasciatæ.

Laphria serripes, *Fabr.*

Guinea. Gambia. Senegal.

Genus 3. LAMPRIA.

Corpus non punctatum. Caput mystace conspicuo. Proboscis porrecta. Palpi tenuissimi. Antennæ triarticulatæ, non stylatæ, insertione solita; articulus 3us nudus, obtusus. Abdomen non petiolatum. Oviductus brevis. Femora postica anterioribus multo crassiora. Alarum vena cubitalis ramo antico simplici.

Lampria, *Macq. Dipt. Exot.* i. 2, 60.
Laphria, p., *Fabr.*; *Wied.*

Body metallic, almost bare. Face convex towards the epistoma. Mystax with a few bristles. Proboscis long, straight. Third joint of the antennæ nearly linear, slightly tapering at each end, much longer than the first and second together. Thorax with gilded tomentum. Fore fork of the cubital vein curved, nearly angular towards its base; hind fork nearly straight, slightly inclined towards the first externo-medial; second externo-medial straight; third forming an obtuse angle with the præbrachial and joining the fourth far from the border. Subanal joining the anal near the border.

Mexico.

1. LAMPRIA MEXICANA.

Mas. *Viridis, nitens; mystax niger; abdomen basi orichalceum; alæ nigræ.*

Lampria mexicana, *Macq. Dipt. Exot. Suppl.* 2, 37, 3.

A. Abdomen auratum. - - - - - clavipes, *Fabr.*
B. Abdomen viride. - - - - - Macquartii, *Perty.*
C. Abdomen rufum. - - - - - Tolmides, *Walk.*

2. LAMPRIA CLAVIPES.

Aurata; thoracis apice niger; pedes ænei, femoribus posticis clavatis dentatis.

Laphria clavipes, *Fabr.*

a. Tapayos, Brazil. From Mr. Bates' collection.

3. LAMPRIA MACQUARTII.

Nigra; oculi albo semicincti; thorax aureo-cupreus; abdominis dorsum viride; femora postica subtus dentata; alæ nigro-fuscæ.

Laphria Macquartii, *Perty.*

4. LAMPRIA TOLMIDES.

Laphria Tolmides, *Cat. of Diptera*, Pt. 2, 377.

Asia.

5. LAMPRIA ÆNEA.

Chalybea; mystax auratus; abdomen incisuris utrinque albis; alæ nigro-fuscæ.

Laphria ænea, *Fabr. Syst. Antl.* 161, 23. *Wied. Dipt. Exot.* i. 238, 11; *Auss. Zweifl.* i. 515, 28.

Laphria colorata, *Boisd. Voy. de l'Astrolabe, Atlas, Ent.* pl. 12, f. 11.

Lampria ænea, *Macq. Dipt. Exot.* i. 2, 61, 1, pl. 6, f. 1.

Java. Amboina. Solomon's Isles. New Zealand.

a, b. Java. From the East India Company's collection.

6. LAMPRIA AURIBARBIS.

Mas. *Violacea; mystax barbaque aurata; pedes flavo pilosi; alæ antice hyalinæ, postice fuscæ.*

Lampria auribarbis, *Macq. Dipt. Exot. Suppl.* 3, 22, 4.

Java.

Genus 4. LAPHRIA.

Corpus non punctatum. Caput mystace conspicuo. Proboscis porrecta. Antennæ triarticulatæ, non stylatæ, insertione solita; articulus 3us nudus obtusus. Abdomen non petiolatum. Oviductus brevis. Femora postica anterioribus non crassiora. Alarum vena cubitalis furca antica simplici.

Laphria, *Fabr. Syst. Antl.; Latr.; Fall.; Wied.; Meig.; Curt; Macq.; Zell.; Loew; Zett.*

Asilus p., *Linn.; Geoffr.; Deg.; Fabr. Ent. Syst.; Schr.; Gmel.*

Laphria et Chæradęs, *Walk.*

Europe.

A. Alarum vena radialis et venæ cubitalis furca antica venula transversa conjunctæ. - - - maroccana, *Fabr.*

B. Alarum vena radialis et venæ cubitalis furca antica non conjunctæ. Venæ cubitalis furca postica et vena externo-media la disjuncta.

A. Pedes nigri.

a. Thoracis abdominisque latera flavida. Tibiæ albo hirtæ. pallidipennis, *Brullé.*

b. Caput et abdomen aureo pilosa. - - aurea, *Fabr.*

c. Abdominis segmenta 4um et 5um aureo tomentosa. dizonias, *Loew.*

d. Abdominis segmenta tria antica nigro pilosa, tria postica flavido tomentosa. - - - - gibbosa, *Linn.*

e. Nigro pilosa; thorax postice et scutellum flavido pilosa. ephippium, *Fabr.*

f. Flavo hirta; pilis nigris admixtis; maculæ humerales nullæ. flava, *Linn.*

g. Nigra; abdominis dorsum fulvo tomentosum.

a. Alæ fuscescentes.

i. Mystax flavescens. - - - ignea, *Meig.*

ii. Mystax niger. - - - - limbata, *Macq.*

b. Alæ fulvescentes. - - - - gilva, *Linn.*

h. Nigra; thorax postice et abdomen flavo villosa. flavescens, *Macq.*

i. Nigra; abdominis segmenta 3o ad 6um utrinque fulva. dimidiata, *Loew.*

j. Nigra; abdominis dorsum postice fulvo maculatum. erythrura, *Loew.*

k. Aureo pilosa; maculæ humerales albicantes. proboscidea, *Loew.*

l. Nigra; maculæ humerales nigricantes. marginata, *Linn.*

m. Flavo pilosa; maculæ humerales nullæ. auribarbis, *Meig.*

n. Fulvo hirsuta; femora postica externe nigro villosa. vulpina, *Meg.*

o. Fulvo villosa; abdomen fasciis nigris. - lutea, *Meg.*

p. Abdomen fulvo hirsutum, basi album. - - fulva, *Meig.*

q. Abdominis incisuræ albo villosæ. - - cincta, *Fabr.*

r. Abdomen incisuris fulvis, basi albidum.

a. Mystax niger. - - - - fimbriata, *Meig.*

b. Mystax flavicans. - - - - inserta, *Loew.*

s. Abdomen fulvo hirtum, lateribus nigro maculatis. albibarbis, *Meig.*

t. Nigra; femora incrassata.

a. Facies alba. - - - - - femorata, *Meig.*

b. Facies flava. - - - - - podagrica, *Meig.*

u. Facies aurea. Abdominis incisuræ albo villosæ. chrysocephala, *Mcig.*

v. Scutellum cinereo villosum. Alarum venæ infuscatæ. Anthrax, *Meig.*

w. Scutellum canum. Alæ fusco-flavæ. - ungulata, *Pallas.*

x. Nigra; abdominis segmenta tria antica cano villosa dioctriæformis, *Meg.*

y. Nigra; abdominis segmenta utrinque albida. nitidula, *Fabr.*

z. Nigra, nitida. - - - - - nigripennis, *Meg.*

aa. Atra, albido longe villosa. Antennæ stylatæ. lanigera, *L. Duf.*

bb. Nigra; abdomen violaceum. - - - violacea, *Fabr.*

cc. Chalybeo-nigra. - - - - venatrix, *Loew.*

B. Pedes ex parte pallidi.

a. Abdomen non fasciatum.

a. Scutellum nigrum.

i. Femora tibiæque antica rufa. - rufipes, *Fall.*

ii. Femora tibiæque antica nigra. - - lapponica, *Zett.*

iii. Tibiæ basi testaceæ. - - - coarctata, *L. Duf.*

b. Scutellum albidum. - - - scutellaris, *Hoffm.*

b. Abdomen cingulis pallidis.

a. Alæ subnigricantes. - - - - tibialis, *Meg.*

b. Alæ fuscescentes. - - - - - glaucia, *Fabr.*

c. Alæ basi flavo-fuscescentes. - fiavicincta, *Hoffm.*

C. Alarum venæ cubitalis furca postica et vena externo-media la connexæ. - - - - - - - - atra, *Linn.*

1. Laphria maroccana.

Nigra, fulvo hirsuto; femora nigro hirsuta; tibiæ fulvæ; alæ fuscescentes, basi costaque fulvis; halteres flavi.

Laphria maroccana, *Fabr.*; *Lucas, Ann. Soc. Ent. Fr. 2me Sér.* vi. *Bull.* lxxxii. *Macq. Expl. Scient. Alg.* iii. *Ins.* 432, 50.

South Europe and North Africa.

a. River Niger. From Mr. Stevens' collection.

2. Laphria pallidipennis.

Nigra; facies flavescens; mystax niger, flavo varius; thoracis abdominisque latera flavida; tibiæ pilis sordide albis hirsutæ, anticæ intus pube aurea; alæ limpidæ, basi subfuscescentes.

Laphria pallidipennis, *Brullé, Exped. Scient. de Morée*, iii. 2, 292, 629. *Macq. Hist. Nat. Dipt.* i. 284, 17.

Messenia.

3. LAPHRIA AUREA.

Obscure rufo-picea ; caput et abdomen aureo pilosa.

Asilus aurea, *Fabr. Ent. Syst.* iv. 378, 11 ; *Meig. Klass. Zweifl.* i. 166, *c.*

Laphria aurea, *Fabr. Syst. Antl.* 158, 9.

South France. Greece. Asia Minor.

4. LAPHRIA DIZONIAS.

Fœm. *Obscure rufo-picea ; facies abdominisque segmenta 4um et 5um aureo tomentosa ; alæ antice fulvescentes, postice cinerascentes.*

Laphria dizonias, *Loew, Linn. Ent.* ii. 542, 3.

Telmessus, Sicily.

5. LAPHRIA GIBBOSA.

Mas et Fœm. *Nigra ; abdominis segmenta tria anteriora nigro pilosa, tria posteriora flavido tomentosa.*

Asilus gibbosus, *Linn.*

North and Central Europe. South Russia.

6. LAPHRIA EPHIPPIUM.

Mas et Fœm. *Nigra, nigro pilosa ; thorax postice et scutellum flavido pilosa ; alæ ad costam fuscescentes ; halteres fusci.*

Laphria ephippium, *Fabr.*

North and Central Europe.

7. LAPHRIA FLAVA.

Mas et Fœm. *Nigra, flavo hirta, pilis nigris in capite, thoracis parte anteriore, femoribusque admixtis ; maculæ humerales nullæ ; alæ venis infuscatis ; halteres flavi.*

Asilus flavus, *Linn.*

North and Central Europe.

8. LAPHRIA IGNEA.

Nigra ; mystax flavescens, setis nonnullis nigris ; abdominis dorsum breviter fulvo tomentosum ; alæ fuscescentes ; halteres fulvi.

Laphria ignea, *Meig.*

North and Central Europe.

9. LAPHRIA LIMBATA.

Mas. *Nigra; facies albido tomentosa; mystax totus niger; thorax cinereo hirtus; abdomen læte fulvo hirtum, marginibus nigris; alæ fuscescentes, basi limpidæ.*

Laphria limbata, *Macq. Hist. Nat. Dipt.* i. 287, 31.

France.

10. LAPHRIA GILVA.

Mas et Fœm. *Nigra; mystax niger, pilis nonnullis albis; abdominis dorsum breviter fulvo tomentosum; alæ fulvescentes; halteres fulvi.*

Asilus gilvus, *Linn.*

North and Central Europe.

11. LAPHRIA FLAVESCENS.

Mas. *Nigra; mystax barbaque flava; thorax postice abdomineque flavo villosa.*

Laphria flavescens, *Macq. Dipt. Exot.* i. 2, 69, 16.

Pyrenees.

12. LAPHRIA DIMIDIATA.

Fœm. *Nigra; abdominis segmenta 3o ad 6um utrinque fulva; alæ hyalinæ, apices versus subcinereæ.*

Laphria dimidiata, *Loew, Linn. Ent.* ii. 550, 9.

Mermeriza, Asia Minor.

13. LAPHRIA ERYTHRURA.

Fœm. *Nigra; abdominis dorsum postice fulvo maculatum, sed parce et breviter nigro pilosum.*

Laphria erythrura, *Loew, Linn. Ent.* ii. 552, 10.

Mermeriza, Asia Minor.

14. LAPHRIA PROBOSCIDEA.

Fœm. *Nigra, aureo pilosa; mystax setis nigris flavo admixtis; maculæ humerales albicantes; alæ cinereo fuscescentes.*

Laphria proboscidea, *Loew, Linn. Ent.* ii. 554, 11.

Germany. Italy.

15. LAPHRIA MARGINATA.

Mas et Fœm. *Nigra; mystax concolor; maculæ humerales albicantes.*

Asilus marginatus, *Linn.*
Laphria marginata, *Guér. Icon. Règne Anim. Ins.* pl. 94, f. 2.

North and Central Europe.

16. LAPHRIA AURIBARBIS.

Mas et Fœm. *Nigra, flavo pilosa, maculis humeralibus nullis; antennarum articulus 2us partem 4am 1i æquans; alæ anticè fuscæ; halteres fulvi.*

Laphria auribarbis, *Meig. Zweifl.* ii. 292, 8. *Macq. Hist. Nat. Dipt.* i. 283, 12.

Central and Southern Europe, and Asia Minor.

17. LAPHRIA VULPINA.

Fulvo hirsuta; femora postica externe nigro villosa; alæ fuscæ; halteres fusci.

Laphria vulpina, *Megerle; Meig. Zweifl.* ii. 289, 4.

Austria.

18. LAPHRIA LUTEA.

Fulvo villosa; abdomen fasciis nigris; alæ strigis fuscescentibus; halteres fusci.

Laphria lutea, *Megerle; Meig. Zweifl.* ii. 290, 6.

Austria.

19. LAPHRIA FULVA.

Nigra; facies alba; mystax fulvo-nigroque varius; abdomen fulvo hirsutum, basi album; alæ fuscæ; halteres fulvi.

Laphria fulva, *Meig. Zweifl.* ii. 292, 9, pl. 20, f. 21. *Macq. Hist. Nat. Dipt.* i. 283, 13.

France. Germany.

20. LAPHRIA CINCTA.

Nigra; mystax pallide flavus; abdominis incisuræ albo villosæ; alæ nigricantes, basi hyalinæ; halteres flavi.

Asilus cinctus, *Fabr. Sp. Ins.* ii. 465, 29; *Ent. Syst.* iv. 387, 51. *Gmel. ed. Syst. Nat.* i. 5, 2899, 36.

Asilus fuliginosus, *Panz. Faun. Ins. Germ.* liv. 21. *Meig. Klass. Zweifl.* i. 272, *x*.

Laphria cincta, *Fabr. Syst. Antl.* 163, 31. *Meig. Zweifl.* ii. 299, 24. *Macq. Hist. Nat. Dipt.* i. 284, 16.

Austria.

21. Lamphria fimbriata.

Mas. *Atra; facies alba; mystax niger; humeri plurisque maculis tomentosis signata; abdominis incisuræ ad latera aureo tomentosæ; segmentum 1um cum scutello et extrema thoracis parte albo pilosum.*

Laphria fimbriata, *Meig. Zweifl.* ii. 293, 10. *Macq. Hist. Nat. Dipt.* i. 287, 32. *Loew, Linn. Ent.* v. 412.

France. Hungary. Bannat.

22. Laphria ursula.

Atra; facies et mystax flavicantia; thorax antice nigro, postice flavo, pilosus; pleuræ immaculatæ; abdominis incisuræ ad latera albido pilosa.

Laphria ursula, *Loew, Linn. Ent.* v. 414.

Russia.

23. Laphria albibarbis.

Nigra; mystax albus; abdomen fulvo hirtum, lateribus nigro maculatis; alæ fuscescentes; halteres nigri.

Laphria albibarbis, *Meig. Zweifl.* ii. 295, 14, pl. 20, f. 22, 23.

Germany?

24. Laphria femorata.

Nigra; facies alba; mystax niger; femora postica incrassata; alæ fuscescentes; halteres flavi.

Laphria femorata, *Meig. Zweifl.* ii. 297, 18. *Macq. Hist. Nat. Dipt.* i. 283, 15, 25.

Germany?

25. LAPHRIA PODAGRICA.

Nigra; facies flava; mystax niger; femora postica incrassata; alæ fuscescentes; halteres flavi.

Laphria podagrica, *Meig. Zweifl.* ii. 297, 19.
D. femorata, *var.?*

Germany?

26. LAPHRIA CHRYSOCEPHALA.

Nigra, nitida; facies aurea; mystax niger; abdominis incisuræ albo villosæ; alæ apices versus nigricantes; halteres flavi.

Laphria chrysocephala, *Meig. Zweifl.* ii. 299, 23.

Chamounix.

27. LAPHRIA ANTHRAX.

Nigra, nitida; scutellum cinereo villosum; alæ venis infuscatis; halteres fusci.

Laphria Anthrax, *Meig. Zweifl.* ii. 300, 25.

France?

28. LAPHRIA UNGULATA.

Aterrima; facies et mystax alba; scutellum canum; alæ fusco-flavæ.

Laphria ungulata, *Pallas; Wied. Zool. Mag.* i. 2, 39. *Meig. Zweifl.* ii. 304, 32.

South Russia.

29. LAPHRIA DIOCTRIÆFORMIS.

Nigra, nitida; facies alba; mystax niger; abdominis segmenta tria antica cano villosa; alæ fuscæ, basi subhyalinæ; halteres fulvi.

Laphria dioctriæformis, *Megerle; Meig. Zweifl.* ii. 300, 26.

Austria.

30. LAPHRIA NITIDULA.

Nigra, hirta; facies et mystax albida; abdominis segmenta utrinque albido; alæ dimidio apicali fuscescentes; halteres flavi.

Asilus nitidulus, *Fabr. Ent. Syst.* iv. 386, 44. *Meig. Klass. Zweifl.* i. 269, *m.*

Laphria nitidula, *Fabr. Syst. Antl.* 162, 24. *Meig. Zweifl.* ii. 303, 30.

Italy.

31. LAPHRIA NIGRIPENNIS.

Nigra, nitida; mystax supra niger subtus albus; alæ fusco-nigræ; halteres fusci.

Laphria nigripennis, *Megerle; Meig. Zweifl.* ii. 301, 27.

Austria.

32. LAPHRIA? LANIGERA.

Atra, nitida, albido mollissime longeque villosum; antennæ articulis quatuor, aristaque brevissima setiformi; abdomen supra brevissime pilosum; alæ hyalinæ, venis testaceis.

Laphria lanigera, *Duf. Ann. Sci. Nat.* xxx. 217, 10.

Spain.

33. LAPHRIA VIOLACEA.

Nigra, nitida; barba nigra; abdomen violaceum; alæ fusces-centes.

Asilus violaceus, *Fabr. Sp. Ins.* ii. 462, 13; *Ent. Syst.* iv. 381, 21. *Gmel. ed. Syst. Nat.* i. 5, 2897, 24.

Laphria violacea, *Fabr. Syst. Antl.* 159, 14. *Meig. Zweifl.* ii. 302, 29. *Macq. Hist. Nat. Nat. Dipt.* i. 286, 24.

Germany.

34. LAPHRIA VENATRIX.

Mas. *Chalybeo-nigra; antennarum articulus 1us perlongus; alæ subcinereæ.*

Laphria venatrix, *Loew, Linn. Ent.* ii. 562, 16.

Syracuse, Sicily.

35. LAPHRIA RUFIPES.

Mas et Fœm. *Nigra; femora tibiæque rufa; alæ subfuscæ.*

Laphria rufipes, *Fall. Dipt. Suec. Asil.* 66. *Meig. Zweifl.* ii. 299, 22. *Zett. Dipt. Scand.* i. 163, 7. *Loew, Linn. Ent.* ii. 560, 14.

North Europe and the Mountains of Central Europe.

36. Laphria lapponica.

Fœm. *Nigra, tenuiter cinereo pubescens; facies utrinque niveo pilosa; mystax niger; barba alba; femora intermedia plerumque basi, femora tibiæque postica omnino rufa; alæ fuscescentes.*

Laphria rufipes, *Zett. Ins. Lapp.* 77, 103, 217; *Ins. Lapp.* 506, 3.
Laphria lapponica, *Zett. Dipt. Scand.* i. 164, 8. *Loew, Linn. Ent.* ii. 561, 15.

Lapland. Siberia.

37. Laphria coarctata.

Nigra; caput albido villosum; frons flavescens; antennæ ferrugineæ; abdomen atrum, nitidum, segmentis coarctatis, 2o 3o 4oque suprà utrinque lineola transversa alba; pedes nigri, cinereo villosi, tibiis basi testaceis; alæ basi subtestaceæ.

Laphria coarctata, *Duf. Ann. Sci. Nat.* xxx. 217, 11.

Madrid, Spain.

38. Laphria scutellaris.

Nigra; scutellum albidum; pedes rufo-ochracei; alæ subflavescentes; halteres sordide flavi.

Laphria scutellaris, *Hoffm.; Meig. Zweifl.* ii. 296, 17.

Portugal.

39. Laphria tibialis.

Nigra, nitida; abdomen incisuris albo villosis; pedes fulvi, femoribus nigris; alæ subnigricantes; halteres fulvi.

Laphria tibialis, *Megerle. Meig. Zweifl.* ii. 298, 21.

Austria.

40. Laphria glaucia.

Nigra, tomentosa; abdomen apud segmenta 2um 3umque fascia glauca, reliquis margine flavo; pedes fulvi; alæ fuscescentes.

Asilus glaucius, *Fabr. Ent. Syst.* iv. 386, 46. *Meig. Klass. Zweifl.* i. 269, *n.*
Laphria glaucia, *Fabr. Syst. Antl.* 163, 30. *Meig. Zweifl.* ii. 303, 31.

Italy.

41. Laphria flavicincta.

Nigra, flavo hirta; abdomen fasciis sinuatis aurantiacis; pedes fulvescentes; alæ basi flavo-fuscescentes; halteres flavi.

Laphria flavicincta, *Hoffm. Meig. Zweifl.* ii. 296, 16.

Portugal.

42. Laphria atra.

Nigra; barba albida; abdomen chalybeum; alæ fuscescentes.

Asilus ater, *Linn.*

North and Central Europe.

North America.

A. Corpus non metallicum.

A. Corpus et pedes nigra.

a. Cinereo hirta; abdomen nigro hirtum. melanopogon. *Wied.*
b. Scoriaceo nigra; caput et pedes nigro hirta. dersata, *Say.*
c. Thorax sulphureo hirsutus. - - thoracica, *Fabr.*
d. Thorax aurario pilosus. - - - flavicollis, *Say.*
e. Thorax abdominisque apex aurario pilosa. posticata, *Say.*
f. Flavo hirta; scutellum, abdominis segmentum 1um, anus et pedes postici nigro hirta. - - - tergissa, *Say.*
g. Flavo hirta; abdomen apice nigro hirtum. analis, *Macq.*
h. Flavido hirta; pedes nigro hirti. - Terræ Novæ, *Macq.*
i. Flavo hirta; pedes postici nigro hirti. - flavipila, *Macq.*
j. Caput, thorax, et pedes flavido hirta; abdominis dimidium apicale fulvo hirtum. - - - lasipes, *Wied.*
k. Thorax flavo hirtus, fascia abbreviata nigra; abdomen basi lateribusque flavo hirtis. - - - Georgina, *Wied.*
l. Fulvo hirta. - - - - - - sericea, *Say.*

B. Corpus aut pedes plus minusve pallida.

a. Thorax fulvo bivittatus. Abdomen aurantiacum. saffrana, *Fabr.*
b. Thorax albo vittatus. - - - pyrrhacra, *Wied.*
c. Thorax cinereo vittatus. - - - glabrata, *Say.*
d. Abdomen rufo-fuscum. - - - megacera, *Macq.*
e. Abdominis dorsum ferrugineum. - - Æatus, *Walk.*
f. Abdomen apice fulvum. - - - fulvicauda, *Say.*
g. Abdomen rufum. - - - - - Antæa, *Walk.*
h. Abdomen rubrum; tibiæ basi palfidæ. rubriventris, *Macq.*
i. Pedes rufi. - - - - - Sadales, *Walk.*

B. Corpus plus minusve metallicum.
A. Nigro-cærulescens. - - - melanogaster, *Wied.*
B. Nigro-viridis. Abdomen nigro-cærulescens. pygmæa, *Macq.*
C. Nigro-ænea.
a. Alæ subfuscæ. - - - - - Alcanor, *Walk.*
b. Alæ limpidæ.
a. Tibiæ non clavatæ. - - - Sacrator, *Walk.*
b. Tibiæ posticæ clavatæ. - - - Echemon, *Walk.*

The North American species comprise the following groups.

Group 1.

Corpus pilosissimum, sat gracile. Facies apud epistoma convexa. Mystax setis plurimis longis. Proboscis recta, linearis. Antennarum articulus 3us longifusiformis, 1o et 2o conjunctim multo longior. Pedes validi, hirsutissimi; femora crassa.

Body very hairy, rather slender. Face convex towards the epistoma. Mystax with long and very numerous bristles. Proboscis straight, linear. Third joint of the antennæ elongate-fusiform, much longer than the first and the second together. Legs stout, very hairy; femora thick. Fore fork of the cubital vein slightly undulating; hind fork and the first externo-medial very slightly curved, parallel to each other; second externo-medial straight, third forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal united to the anal very near the border.

Laphria Æatus.

Group 2.

Corpus pilosissimum latiusculum. Facies apud epistoma subconvexa. Mystax setis plurimis longis. Proboscis recta, linearis. Antennarum articulus 3us linearis, gracilis, articulis 1o et 2o conjunctim multo longior. Pedes validi, hirsutissimi; femora crassa.

Body very hairy, rather broad. Face slightly convex towards the epistoma. Mystax with long and very numerous bristles. Proboscis straight, linear. Third joint of the antennæ linear, slender, very much longer than the first and the second together. Legs stout, very hairy; femora thick. Wing-veins like those of the first group.

Laphria tergissa, L. posticata, L. thoracica, L. sericea, L. Sacrator, L. lasipes, L. Alcanor.

Group 3.

Corpus latum, crassum, non setosum. Caput hirsutissimum. Facies apud epistoma subconvexa. Mystax densissime setosus; Proboscis recta, crassa. Antennarum articulus 3us longus, basi apiceque subattenuatus, 1o et 2o conjunctim multo longior. Thoracis latera hirta. Abdomen cingulis pilosis. Pedes pilosi, breves, valde robusti; femora incrassata, apud apices subsetosa.

Body broad, thick, without bristles. Head very hairy. Face slightly convex towards the epistoma. Mystax very thickly setose. Proboscis straight, very stout. Third joint of the antennæ long, slightly tapering at each end, much longer than the first and second joints together. Thorax hairy on each side. Abdomen with hairy bands. Legs hairy, short, very stout; femora very thick, with a few bristles towards the tips. Fore branch of the cubital vein much curved near the base, slightly curved from thence to the tip; hind branch and first externo-medial straight and parallel to each other; second externo-medial straight; third forming a nearly right angle with the præbrachial, and joining the fourth very far from the border. Subanal joining the anal near the border.

Laphria saffrana.

Group 4.

Fœm. Corpus nudum, mediocriter latum. Facies apud epistoma valde convexa. Mystax setis plurimis. Proboscis recta, linearis, longiuscula. Antennarum articulus 3us longissimus, sublinearis, basi apiceque subattenuatus, 1o et 2o conjunctim duplo longior. Femora crassa, postica subtus spinosa.

Fem. Body bare, moderately broad. Face very convex towards the epistoma. Mystax with several bristles. Proboscis straight, linear, rather long. Third joint of the antennæ very long, nearly linear, slightly tapering towards each end, about twice the length of the first and second together. Femora thick; hind femora spinose beneath. Wings moderately long and broad. Fore fork of the cubital vein undulating; hind fork curved towards the first externo-medial, but remote from it on the border; first and second externo-medial veins straight; third curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal close to the border.

Laphria Antæa.

Group 5.

Corpus angustum, lineare, fere nudum. Facies apud epistoma convexa. Mystax sat dense setosus. Proboscis recta, valida, linearis. Pedes validi, breviusculi, parce setosi et pilosi. Alæ breves.

Body narrow, linear, nearly bare. Face convex towards the epistoma. Mystax with rather numerous bristles. Proboscis straight, stout, linear. Legs stout, rather short, with a few short hairs and bristles. Wings short. Fore fork of the cubital vein slightly undulating; hind fork nearly straight, slightly inclined towards the first externo-medial, but remote from it on the border; first and second externo-medial veins straight; third forming an obtuse angle with the præbrachial and joining the fourth far from the border. Subanal joining the anal very near the border.

Laphria Sadales.

43. LAPHRIA MELANOPOGON.

Fœm. *Nigra; occiput, thorax et pedes cinereo hirta; facies et abdomen nigro hirta; alæ subfuscescentes.*

Laphria melanopogon, *Wied. Auss. Zweifl.* i. 520, 36.

Kentucky.

44. LAPHRIA DERSATA.

Scoriaceo-nigra; caput et pedes cinereo hirta; alarum venæ fusco limbatæ.

Laphria dersata, *Say, American Entomology*, 1, pl. 6. *Wied. Auss. Zweifl.* i. 506, 12.

Pennsylvania.

45. LAPHRIA THORACICA.

Hirsuta, atra; thorax sulphureus; alæ fuscanæ.

Laphria thoracica, *Fabr. Syst. Antl.* 158, 10. *Wied. Dipt. Exot.* i. 236, 8; *Auss. Zweifl.* i. 511, 21. *Macq. Dipt. Exot.* i. 2, 68, 14.

United States. West Indies.

46. LAPHRIA FLAVICOLLIS.

Mas. *Nigra; thorax aurario pilosus; alæ cinereæ.*

Laphria flavicollis, *Say, Long's Exped. to St. Peter's River, Append.* 374, 2. *Wied. Auss. Zweifl.* i. 519, 34.
Laphria melanopogon, *Mas.* ♂
Pennsylvania.

47. LAPHRIA POSTICATA.

Mas. *Nigra; thorax et abdominis apex aurario pilosa; alæ cinereæ.*

Laphria posticata, *Say, Long's Exped. to St. Peter's River, Append.* 374, 1. *Wied. Auss. Zweifl.* i. 518, 32. *Macq. Dipt. Exot.* i. 2, 69, 17.
Pennsylvania, Carolina.

48. LAPHRIA TERGISSA.

Nigra, flavo hirta; scutellum, abdominis segmentum 1um, anus pedesque postici nigro hirta; alæ flavidæ.

Laphria tergissa, *Say.*
United States.

49. LAPHRIA ANALIS.

Nigra, flavo hirsuta; abdomen apice nigrum; alæ fuscæ areolarum discis hyalinis.

Laphria analis, *Macq. Dipt. Exot.* i. 2, 68, 15.
Boreal America.

50. LAPHRIA TERRÆ NOVÆ.

Fœm. *Nigra; caput, thorax et abdomen flavido hirta; pedes nigro hirti; alarum venæ fusco marginatæ.*

Laphria Terræ Novæ, *Macq. Dipt. Exot.* i. 2, 69, 18.
Newfoundland.

51. LAPHRIA FLAVIPILA.

Nigra, flavo pilosa; antennarum articulus 3us sat elongatus, non obtusus; pedes postici nigro pilosi; alæ fuscæ, basi flavescentes.

Laphria flavipila, *Macq. Hist. Nat. Dipt.* i. 282, 8.
United States.

52. LAPHRIA LASIPES.

Mas. *Nigra; caput, thorax et pedes flavido hirta; abdominis dimidium apicale fulvo hirtum; alarum venæ subfusco limbatæ.*

Laphria lasipes, *Wied.*

Kentucky.

53. LAPHRIA GEORGINA.

Nigra; thorax flavo hirtus, fascia abbreviata nigra; abdomen basi lateribusque flavo hirtis; alæ fuscanæ.

Laphria Georgina, *Wied. Dipt. Exot.* i. 235, 6; *Auss. Zweifl.* i. 506, 13.

Georgia.

54. LAPHRIA SERICEA.

Mas. *Nigra, fulvo hirta; mystax flavidus; tibiæ posticæ nigro hirtæ; alæ limpidæ, venis flavido limbatis.*

Laphria sericea, *Say, Journ. Acad. Philad.* iii. 74, 4; *Amer. Ent.* pl. 6. *Wied. Auss. Zweifl.* i. 508, 16.

Pennsylvania.

55. LAPHRIA SAFFRANA.

Nigra; antennæ, pedes thoracisque limbus et vittæ duæ fulva; abdomen aurantiacum; alæ fuscæ.

Laphria saffrana, *Fabr.*

North America.

56. LAPHRIA PYRRHACRA.

Nigra; thorax albo vittatus; abdomen utrinque maculis albis, segmenti 2i apice sequentibusque rubido-flavis; alæ flavescentes.

Laphria fulvicauda, *Say, Journ. Acad. Philad.* iii. 53, 1; *Amer. Entomol.* pl. 6.

Laphria pyrrhacra, *Wied. Auss. Zweifl.* i. 517, 31.

North America and South America.

57. LAPHRIA GLABRATA.

Nigra, nitida; facies argentea; thoracis margo anticus, vittæ duæ et pectus cinerea; pedes rufo-fusci; femora apud medium, tibiæ apice tarsique obscuriora; alæ hyalinæ, venis fuscis.

Laphria glabrata, *Say, Journ. Acad. Philad.* iii. 53, 2.

Philadelphia.

58. LAPHRIA MEGACERA.

Nigra; facies lateribus albis; antennarum articulus 3us elongatus, non tumidus; abdomen rufo-fuscum; femora postica parum incrassata, tuberculis nigris; alæ nigricantes.

Laphria megacera, *Macq. Hist. Nat. Dipt.* i. 284, 18.

Philadelphia.

59. LAPHRIA ÆATUS.

Laphria Æatus, *Cat. of Diptera*, 381.

United States.

60. LAPHRIA FULVICAUDA.

Nigra; cinereo pilosa; thorax vittatus; abdomen depressum, apice fulvum; alæ nigricantes.

Laphria fulvicauda, *Say, Journ. Acad. Nat. Sci. Philad.* iii. 53, 1.

United States.

61. LAPHRIA ANTÆA.

Nigra; frons argentea; abdomen sanguineum; basi nigrum; alæ nigro violaceæ.

Laphria Antæa, *Cat. of Diptera*, Pt. 2, 379.

Laphria saniosa? *Say, Journ. Acad, Nat. Sci. Philad.* vi. 158.

British North America.

62. LAPHRIA RUBRIVENTRIS.

Nigra; facies et mystax flava; thorax flavo pabescens; abdomen rubrum, basi nigrum; tibiæ basi pallidæ; alæ fuscæ, basi flavescentes.

Laphria rubriventris, *Macq. Hist. Nat. Dipt.* i. 284, 19.

Philadelphia.

63. LAPHRIA SADALES.

Laphria Sadales, *Cat. of Diptera*, Pt. 2, 378.

New York.

64. LAPHRIA MELANOGASTER.

Nigro-cærulescens; caput thorax et pedes anteriores flavido hirta; alarum venæ fuscano limbatæ.

Laphria melanogaster, *Wied. Dipt. Exot.* i. 236, 7; *Auss. Zweifl.* i. 507, 14.

United States. Mexico.

65. LAPHRIA PYGMÆA.

Nigra; frons et mystax alba; thorax viridi-niger; abdomen cyaneo-nigrum; femora et tibiæ basi fulvescentia; alæ limpidæ.

Laphria pygmæa, *Macq. Hist. Nat. Dipt.* i. 287, 30.

Georgia.

66. LAPHRIA ALCANOR.

Laphria Alcanor, *Cat. of Diptera*, Pt. 2, 383.

Massachusetts.

67. LAPHRIA SACRATOR.

Laphria Sacrator, *Cat. of Diptera*, Pt. 2, 382.

Nova Scotia.

68. LAPHRIA ECHEMON.

Laphria Echemon, *Cat. of Diptera*, Pt. 2, 386.

Ohio.

West Indies.

69. LAPHRIA XANTHOCNEMA.

Fœm. *Nigra; abdomen et tibiæ rubida; alæ subflavescentes; venæ cubitalis ramus posticus cum vena externo-media 1a junctus.*

Laphria xanthocnema, *Wied. Auss. Zweifl.* i. 509, 18. *Macq. Dipt. Exot.* i. 2, 67, 12.

West Indies. Brazil.

South America.

A. Thorax metallicus.
  A. Pedes nigri aut metallici.
    a. Alæ obscuræ.
      a. Thorax antice nigro hirtus, postice aurato hirtus. splendens, *Macq.*
      b. Thorax aurato hirtus. - - - - dives, *Wied.*
      c. Thorax nigro hirtus.
        i. Proboscis recta. - - - - Olbus, *Walk.*
        ii. Proboscis arcuata. - - bimaculata, *Walk.*
    B. Alæ hyalinæ. - - - - - violacea, *Macq.*
  B. Pedes ferruginei. - - - - - spinipes, *Fabr.*
B. Thorax niger. Abdomen metallicum.
  A. Thorax non vittatus.
  B. Thorax vittis pallidis.
    A. Tibiæ albæ. - - - - - albitibia, *Macq.*
    B. Tibiæ non albæ.
      a. Antennarum articulus 3us fusiformis.
        i. Mystax dense setosus. - - pyrrhopyga, *Wied.*
        ii. Mystax raro setosus. - - erythropyga, *Wied.*
      b. Antennarum articulus 3us ellipticus. laticornis, *Walk.*
C. Corpus nigrum aut pallidum.
  A. Thorax totus niger.
    A. Abdomen totum nigrum.
      a. Alæ hyalinæ, apice subfuscæ. - Venezuelensis, *Macq.*
      b. Alæ triente basali nigra. - - hæmorrhoa, *Wied.*
      c. Alæ fuscæ, fascia fulva. - - fascipennis, *Macq.*
    B. Abdomen basi pallidum. - - - rufipennis, *Wied.*
    C. Abdomen apice pallidum. - appendiculata, *Macq.*
    D. Abdominis segmenta 6um et 7um pallida. *pilipes, Macq.*
    E. Abdomen totum pallidum.
      a. Alæ fuscescentes; areolarum disci sublimpidi. croceiventris, *Wied.*
      b. Alæ subflavescentes. - - - dichroa, *Wied.*
      c. Alæ luteæ dimidio postico apiceque cinereis. proxima, *Walk.*
  B. Thorax nigellus, vittis obscurioribus. - contusa, *Wied.*
  Thorax vittis cinereis aut albis.
    A. Abdominis latera nigra. - - - Amandus, *Walk.*
    B. Abdominis latera non nigra.
      a. Alæ flavescentes. - - - mesoxantha, *Wied.*
      b. Alæ limpidæ, apice cinereæ. - erythrogaster, *Wied.*
      c. Thorax cinereus aut canus.

i. Pedes nigri. - - - - viduata, *Wied.*
ii. Pedes pallidi. - - - - pusilla, *Macq.*
D. Thorax niger, humeris et pleuris pallidis. mellipes, *Wied.*
E. Thorax niger, limbo luteo. - - xanthopus, *Wied.*
F. Thorax niger, scutello fulvo. - - - limbata, *Macq.*
G. Thorax totus pallidus.
A. Alæ apice nigræ. - - - - melanura, *Wied.*
B. Alæ fusco maculatæ. - - - maculipennis, *Macq.*

The following groups represent most of the South American species.

Group 1.

Corpus metallicolor. Caput et thorax setis nonnullis. Facies valde convexa. Mystax rarus. Proboscis longa valida, recta. Antennarum articulus 3us basi apiceque subattenuatus, 1o et 2o conjunctim multo longior. Pedes validi, pubescentes; femora tibiæque anteriora tarsique subsetosa.

Head and thorax with a few bristles. Face very convex. Mystax with a few bristles. Proboscis long, stout, straight. Third joint of the antennæ much longer than the first and the second together, slightly tapering towards each end. Legs stout, pubescent; tarsi and anterior femora and tibiæ slightly bristly. Fore branch of the cubital vein undulating; second nearly straight, remote from the first externo-medial; first and second externo-medial veins straight; third curved abruptly hindward and united to the fourth far from the border. Subanal and anal veins united very near the border.

Laphria Olbus.

Group 2.

Corpus metallicolor, hirsutum et setosum. Facies apud epistoma convexa. Mystax setis plurimis. Proboscis valida, lanceolata, subarcuata, non longa. Antennarum articulus 3us longifusiformis, 1o et 2o conjunctim longior. Pedes validi, pilosi, setosi; femora sat crassa.

Body and legs metallic, rather thickly beset with hairs and bristles. Face convex towards the epistoma. Mystax with numerous hairs and bristles. Proboscis stout, lanceolate, rather short, slightly curved. Third joint of the antennæ elongate-fusiform, longer than the first and the second together. Legs stout, hairy and bristly; femora rather thick. Fore fork of the cubital vein undulating; hind fork and first externo-medial vein slightly curved,

parallel to each other; second externo-medial straight; third forming an almost right angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Laphria bimaculata.

Group 3.

Corpus metallicolor, fere nudum. Facies apud epistoma subconvexa. Mystax setis paucissimis. Proboscis recta, sat longa. Antennarum articulus 3us sublinearis, basi apiceque subattenuatus, 1o et 2o conjunctim multo longior.

Body metallic, almost bare. Face slightly convex towards the epistoma. Mystax with very few bristles. Proboscis straight, rather long. Third joint of the antennæ nearly linear, slightly tapering towards the tip, very much longer than the first and the second together. Fore fork of the cubital vein slightly undulating; hind fork and first externo-medial straight and parallel to each other; second straight; third slightly curved, forming an obtuse angle with the præbrachial, joining the fourth at some distance from the border. Subanal joining the anal very near the border.

Laphria spinipes.

Group 4.

Caput et thorax dense et breviter hirta. Facies latissima, subconvexa. Mystax setis plurimis validis abbreviatis. Proboscis brevis, recta, crassa. Antennarum articulus 3us fusiformis, latiusculus, 1o et 2o conjunctim paullo longior. Abdomen subpubescens, lateribus parce setosis. Pedes validi, pilosissimi; femora crassa.

Head and thorax thickly clothed with short hairs. Face very broad, slightly convex. Mystax with numerous short stout bristles. Proboscis short, straight, very stout. Third joint of the antennæ fusiform, comparatively broad, rather longer than the first and the second together. Abdomen thinly pubescent, with a few short stout bristles on each side. Legs stout, very hairy; femora thick. Fore fork of the cubital vein undulating; hind fork united to the first externo-medial at some distance from the border; second externo-medial straight; third curved, forming a nearly right angle with the præbrachial, and joining the fourth far from the border. Subanal united to the anal at some distance from the border.

Laphria pyrrhopyga.

Group 5.

Caput valde hirsutum. Facies apud epistoma subconvexa. Mystax raro setosus. Proboscis valida, recta, breviuscula. Antennarum articulus 3us fusiformis, 1o et 2o conjunctim æqualis. Thoracis et abdominis latera pilosa, setosa. Pedes validi, setosi, pilosissimi; femora incrassata.

Head very hairy. Face slightly convex towards the epistoma. Mystax with a few bristles. Proboscis stout, straight, not long. Third joint of the antennæ fusiform, as long as the first and the second together. Thorax and abdomen hairy and bristly on each side. Legs stout, bristly, very hairy; femora very thick, especially the hind pair; hind tibiæ slightly curved. Fore fork of the cubital vein slightly undulating; hind fork slightly curved, parallel to the first externo-medial; second externo-medial straight; third curved, forming a nearly right angle with the præbrachial, and joining the fourth far from the border. Subanal united to the anal very near the border.

Var. Fore fork of the cubital united near its base to the radial by a transverse veinlet, forming in one wing near its base an angle, which emits a short branch; first externo-medial inclining towards the second.

Laphria erythropyga.

Group 6.

Caput, thorax et abdominis latera dense et breviter pilosa. Facies latissima, apud epistoma convexa. Mystax setis plurimis longis. Proboscis apicem versus subarcuata. Antennarum articulus 3us ellipticus, latus, 1o et 2o conjunctim æqualis. Abdominis latera subsetosa. Pedes validi, dense pilosi et setosi; femora crassa.

Head, thorax and sides of the abdomen thickly clothed with short hairs. Face very broad. Mystax on a convex tubercle, with several long bristles. Proboscis slightly curved near the tip. Third joint of the antennæ elliptical, unusually broad, as long as the first and the second together. Abdomen with a few bristles along each side. Legs stout, very hairy and bristly; femora thick. Fore fork of the cubital vein undulating; hind fork curved towards the first externo-medial, and nearly joining it on the border; second externo-medial straight; third forming a hardly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal united to the anal at some distance from the border.

Laphria laticornis.

Group 7.

Caput et thorax dense setosa. Facies valde convexa. Mystax dense setosus. Proboscis longa, robusta, apice arcuata. Antennarum articulus 3us linearis, gracilis, 1o et 2o conjunctim paullo longior. Pedes validi, pilosi, setosi; tarsi spinosi.

Head and thorax thickly beset with bristles. Face very convex. Mystax very bristly. Proboscis long and stout, curved towards the tip. Antennæ slender; third joint linear, a little longer than the first and the second together. Legs stout, hairy and bristly; tarsi spinose. Fore branch of the cubital vein undulating; hind branch straight, united on the border to the first externo-medial vein; third externo-medial curved hindward and united to the fourth at some distance from the border. Subanal and anal veins united at some distance from the border.

Laphria Amandus.

Group 8.

Caput et thorax setis paucis. Facies fere plana. Mystax pilosus, epistoma versus setosus. Proboscis valida, recta. Antennarum articulus 3us fusiformis, 1o et 2o conjunctim longior. Pedes validi, setosi; femora crassiuscula.

Head and thorax with a few bristles. Face almost flat. Mystax hairy, bristly towards the epistoma. Proboscis stout, straight. Third joint of the antennæ fusiform, longer than the first with the second. Legs stout, bristly; femora rather thick. Fore branch of the cubital vein much curved near the base, almost straight from thence to the tip; hind branch very slightly curved, remote from the first externo-medial, which is nearly straight; second externo-medial straight; third curved abruptly hindward, and united to the fourth at some distance from the border. Subanal united to the anal near the border.

Laphria maculipennis.

Group 9.

Corpus parce pilosum, non setosum. Facies apud peristoma valde setosa. Mystax dense setosus. Proboscis latissima, subarcuata. Antennarum articulus 1us 2o plus duplo longior; 3us longifusiformis, 1o multo longior. Femora crassa.

Proboscis compressed horizontally. Radial vein nearly straight. Fore fork of the cubital very slightly undulating; hind fork and

first externo-medial vein hardly curved, almost parallel to each other. Third externo-medial forming an almost right angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Laphria aurifrons.

70. Laphria dives.

Fœm. *Ænea, aurato hirta; alæ nigro-fuscæ.*

Laphria dives, *Wied. Auss. Zweifl.* i. 524, 43.

Brazil.

71. Laphria Olbus.

Laphria Olbus, *Cat. of Diptera*, Pt. 2, 375.

a. Guatimala. From M. Deby's collection.

72. Laphria bimaculata.

Viridis; caput et pectus nigra; thorax albido bimaculatus; abdomen et tibiæ posticæ purpurea; alæ nigro-purpureæ.

Body and legs rather thickly clothed with long hairs and bristles. Head black, with whitish tomentum beneath and about the eyes, clothed beneath with whitish hairs. Mystax with black bristles, and towards the epistoma with white bristles. Thorax purple, with black hairs and bristles; a spot of whitish tomentum on each side in front. Pectus black, with whitish tomentum. Abdomen and legs blue; tip of the abdomen and tibiæ purple. Wings purplish black. Halteres tawny. Length of the body 9 lines; of the wings 18 lines.

a. Amazon district. From Mr. Bates' collection.

73. Laphria violacea.

Fœm. *Violacea; mystax flavidus; antennæ pedesque nigra; abdomen albo punctatum; alæ hyalinæ, postice cinereæ.*

Laphria violacea, *Macq. Dipt. Exot. Suppl.* 1, 74, 27.

Colombia.

74. Laphria spinipes.

Fœm. *Ænea (nunc viridi nunc chalybeo); pedes ferruginei, femoribus incrassatis bidentatis; alæ fuscæ.*

Laphria spinipes, *Fabr.*

Brazil.

75. LAPHRIA PRÆPOTENS.

Fœm. *Nigra; abdomen viridi-nigrum, apice rubro tomentosum; alæ fuscæ, fascia alba.*

Laphria præpotens, *Macq. Dipt. Exot. Suppl.* 1, 74, 28, pl. 7, f. 17.

Cayenne.

76. LAPHRIA ALBITIBIA.

Fœm. *Nigra; thorax albido vittatus; abdomen chalybeum, basi albo pilosum; tibiæ externe albæ; alæ violaceo-nigræ.*

Laphria albitibia, *Macq. Dipt. Exot. Suppl.* 3, 25, 35, pl. 2, f. 6.

Brazil. Rio Negro.

Fœm. *Nigra; thorax albo vittatus; abdomen cæruleus nitidus; pedes albo tomentosi; alæ violaceæ.*

Laphria albitibialis, *Macq. Dipt. Exot. Suppl.* 2, 38, 32.

Brazil.

77. LAPHRIA PYRRHOPYGA.

Mas. *Nigra; thorax fulvo bivittatus; abdominis segmentum apicale et anus rubido-flava; alæ cinereæ.*

Laphria pyrrhopyga, *Wied. Auss. Zweifl.* i. 515, 17.

Brazil.

a. Parà. From Mr. Bates' collection.

78. LAPHRIA ERYTHROPYGA.

Mas. *Nigra; abdomen basi utrinque maculis albo pilosis, in segmento 2o cohærentibus; apex rubidus; alæ flavescentes, apice fuscæ.*

Laphria erythropyga, *Wied.*

Brazil.

a. Java. From the East India Company's collection.

79. LAPHRIA LATICORNIS.

Nigra; caput et pectus albido tomentosa, illum albo pilosum; thorax vittis tribus albidis strigisque duabus humeralibus ferrugineis, abdomen purpureo cupreum, apice fulvum; pedes albido hirti; alæ subcinereæ, fascia obscuriore.

Black. Head covered with whitish cinereous tomentum, clothed with white hairs. Mystax with black bristles. Eyes æneous. Thorax with three whitish stripes; the lateral pair dilated in front, and emitting a curved band to each side of the thorax; a ferruginous streak on each shoulder. Pectus with whitish tomentum. Abdomen dark purplish bronze; 6th and 7th segments tawny; tip armed with short black spines. Legs with whitish hairs. Wings grayish, darker across the tip of the discal areolet and towards the tips; veins black. Length of the body 5 lines; of the wings 8 lines.

a. Parà. From Mr. Bates' collection.

80. LAPHRIA VENEZUELENSIS.

Nigra; abdomen incisuris albis; alæ hyalinæ, apice subfuscæ.

Laphria Venezuelensis, *Macq. Dipt. Exot. Suppl.* 1, 74, 26, pl. 7, f. 15.

Colombia, Venezuela.

81. LAPHRIA HÆMORRHOA.

Mas. *Nigra, nigro hirta; abdominis incisuræ albo hirtæ; anus rufo hirtus; alæ basi nigræ.*

Laphria hæmorrhoa, *Wied. Auss. Zweifl.* ii. 645, 65.

Bahia.

82. LAPHRIA FASCIPENNIS.

Nigra, crassa; faciei latera flavo hirta; antennarum articulus 3us non obtusus; abdomen læte fulvo pilosum; alæ fuscæ, fascia lata fulva.

Laphria fascipennis, *Macq. Hist. Nat. Dipt.* i. 284, 20.

Cayenne.

83. LAPHRIA RUFIPENNIS.

Fœm. *Nigra; abdomen basi utrinque testaceum; alæ croccorubidæ, apice fuscanæ.*

Laphria rufipennis, *Wied. Auss. Zweifl.* i. 522, 39.

Brazil.

84. LAPHRIA APPENDICULATA.

Mas. *Nigra; mystax albidus; anus testaceus; alæ rufescentes.*

Laphria appendiculata, *Macq. Dipt. Exot. Suppl.* i. 75, 29, pl. 7. f. 18.

Cayenne.

85. LAPHRIA PILIPES.

Nigra; facies albido pilosa; abdominis segmenta setis lateralibus; 6um et 7um fulva; pedes pilis longis albidis; alæ apice subobscuræ.

Laphria pilipes, *Macq. Hist. Nat. Dipt.* i. 282, 9.

Brazil.

86. LAPHRIA CROCEIVENTRIS.

Nigra; vibrissæ flavidæ; abdomen croceum; alæ fuscescentes, areolarum discis sublimpidis.

Laphria croceiventris, *Wied. Dipt. Exot.* i. 234, 5; *Auss. Zweifl.* i. 503, 8.

Brazil.

87. LAPHRIA DICHROA.

Fœm. *Mellea; antennæ et thorax nigra; alæ subflavescentes.*

Laphria dichroa, *Wied. Auss. Zweifl.* i. 526, 46.

Brazil.

88. LAPHRIA PROXIMA.

Nigra; caput albo tomentosum; abdomen fulvum; alæ luteæ, apice cinereæ.

Very nearly allied to *L. rufipennis*, but the 3rd joint of the antennæ is quite black, the abdomen is wholly tawny, and the wings are luteous for not more than two-thirds of the length; the apical third part and the hind border are gray. Head with white tomentum. Mystax with many black and whitish bristles. Legs clothed with cinereous hairs; tarsi beneath with reddish down. Length of the body 5 lines; of the wings 8 lines.

a. Parà. From Mr. Bates' collection.

89. LAPHRIA CONTUSA.

Nigella; antennæ fuscescentes; thorax vittis obscurioribus; abdomen flavum; pedes flavo-fusci; alæ apud venas subcinereæ.

Laphria contusa, *Wied. Auss. Zweifl.* i. 587, 25.

Brazil.

90. Laphria Amandus.

Laphria Amandus, *Cat. of Diptera*, Pt. 2, 373.

a. Guatimala. From M. Deby's collection.

91. Laphria mesoxantha.

Fœm. *Nigra; thorax cinereo hirtus, vittis nigris; abdomen subcoccinelleum, ano rufo; alæ flavescentes, venis transversis et apicalibus fusco limbatis.*

Laphria mesoxantha, *Wied. Auss. Zweifl.* i. 513, 24. *Macq. Dipt. Exot.* i. 2, 67, 11.

Brazil.

92. Laphria erythrogaster.

Nigra; thorax vittis quatuor albidis; abdomen subcoccinelleum, ano flavido; alæ limpidæ, apice cinereæ.

Laphria erythrogaster, *Wied. Auss. Zweifl.* i. 523, 41.

Brazil.

93. Laphria viduata.

Mas. *Atra; thorax cano hirtus; abdomen fasciis canis; alæ nigro-fuscæ.*

Laphria viduata, *Wied. Zool. Mag.* iii. 50, 14; *Dipt. Exot.* i. 241, 18; *Auss. Zweifl.* i. 528, 50.

Brazil.

94. Laphria pusilla.

Mas. *Cinerea; pedes mellei, femoribus crassis externe fuscanis; alæ subcinereæ.*

Laphria pusilla, *Macq. Dipt. Exot.* i. 2, 68, 13.

Brazil.

95. Laphria mellipes.

Nigra; humeri, pleuræ et pedes flava; alæ apice fusco-cinereæ.

Laphria mellipes, *Wied. Auss. Zweifl.* i. 256, 47.

Brazil.

96. LAPHRIA XANTHOPUS.

Fœm. *Nigra; thoracis limbus et pedes lutea; alæ sublimpidæ, apice subcinereæ.*

Laphria xanthopus, *Wied. Auss. Zweifl.* i. 529, 52.

Brazil.

97. LAPHRIA LIMBATA.

Nigra, crassa; faciei latera flavescentia; mystax niger, subtus flavus; scutellum fulvum; abdominis segmenta marginibus posticis ventreque flavo pilosis; pedes postici femoribus non incrassatis, tibiis non arcuatis.

Laphria limbata (nomen bis lectum), *Macq. Hist. Nat. Dipt.* i. 287, 29.

Cayenne.

98. LAPHRIA MELANURA.

Ardentissime ferruginea; antennæ apice nigræ; abdomen apice nigro-cyaneum; pedes fulvi, genubus tibiisque apice nigris; alæ croceæ, apice nigræ.

Laphria melanura, *Wied. Auss. Zweifl.* i. 508, 15. *Macq. Dipt. Exot.* i, 2, 67, 10.

Brazil.

99. LAPHRIA MACULIPENNIS.

Mas. *Testacea; mystax flavidus; alæ flavidæ, fusco maculatæ.*

Laphria maculipennis, *Macq. Dipt. Exot. Suppl.* 1, 73, 25, pl. 7, f. 14.

Guiana.

a. Tapayos. From Mr. Bates' collection.

Africa.

A. Corpus plus minusve metallicolor.
  A. Alæ nigro-cyaneæ.
    A. Caput posticum fulvo hirtum. - - rufibarbis, *Fabr.*
    B. Caput posticum nigro hirtum.
      a. Femora nigra. - - - - - præceps, *Walk.*
      b. Femora tibiæque postica apice nigra. flavipes, *Wied.*
      c. Femora tota fulva. - - - - Ufens, *Walk.*
  B. Alæ fuscæ.

A. Pedes flavi. - - - - - varipes, *Macq.*
B. Pedes nigri. - - - - - - Metalli, *Walk.*
C. Alæ fulvæ. - - - - - - luctuosa, *Macq.*
D. Alæ subcinereæ. - - - - albimaculata, *Macq.*

B. Corpus non metallicolor.
A. Thorax totus niger.
A. Pedes nigri.
a. Corpus obscurum.
i. Antennæ apice testaceæ. - - bomboides, *Macq.*
ii. Antennæ nigræ.
b. Corpus nitidum. - - - albicincta, *Loew.*
B. Pedes rubidi. - - - - - Dymes, *Walk.*
B. Thorax niger, lateribus pallidis. - - lateralis, *Fabr.*
C. Thorax fuscus. - - - - - tridentata, *Fabr.*
D. Thorax luteo hirtus. - - - - - hirtipes, *Fabr.*
E. Thorax pallidus.
A. Alæ maculatæ. - - - - - testacea, *Macq.*
B. Alæ non maculatæ. - - - - - Decula, *Walk.*

The African Laphriæ in the British Museum comprise the following groups:—

Group 1.

" Caput et thorax pilosissima. Facies valde convexa. Mystax densissime setosus. Proboscis longa, valida, apice subarcuata. Antennæ longiusculæ; articulus 3us longifusiformis, 1o et 2o conjunctim multo longior. Pedes validi, hirti, setosi; tarsi spinosi.

Head and thorax very hairy. Face very convex. Mystax very thickly beset with bristles. Proboscis stout, long, very slightly curved near the tip. Antennæ rather long; 3rd joint elongate, fusiform, much longer than the 1st and the 2nd together. Legs stout, hairy and bristly; tarsi spinose. Fore branch of the cubital vein slightly curved; hind branch nearly straight, parallel to the 1st externo-medial vein; 2nd externo-medial straight; 3rd forming a right angle with the præbrachial, and joining the 4th far from the border. Subanal united to the anal very near the border.

Laphria rufibarbis, L. flavipes, L. præceps, L. Ufens, L. albimaculata, L. Dymes.

Group 2.

Corpus latissimum. Caput, thorax, pedes et abdominis latera pilosissima. Facies plana. Mystax densissime hirtus. Proboscis brevis, crassa, lanceolata. Antennarum articulus 3us sublinearis,

basi et apice attenuatus, 1o et 2o conjunctim fere duplo longior. Pedes validi, densissime ciliati.

Body very broad. Head, thorax and sides of the abdomen very hairy. Face flat. Mystax very thick. Proboscis short, thick, lanceolate. Third joint of the antennæ nearly linear, tapering at each end, almost twice the length of the 1st and the 2nd together. Legs stout, very thickly ciliated. Fore fork of the cubital vein much curved; hind fork curved, very near the 1st externo-medial, which it joins on the border; 2nd straight; 3rd forming a right angle with the præbrachial, joining the 4th far from the border. Subanal and anal united very far from the border.

Laphria hirtipes.

Group 3.

Corpus sublineare, sat angustum, pilis setisque paucis. Facies apud epistoma subconvexa. Mystax setis paucissimis. Proboscis longa, recta, gracilis, linearis. Pedes subpilosi.

Body nearly linear, rather narrow, with but few hairs and bristles. Head broader than the thorax. Face slightly convex towards the epistoma. Mystax with about eight bristles. Proboscis long, slender, straight, linear. Thorax broader than the abdomen. Metathorax with a thin tuft of bristles on each side. Legs thinly clothed with short hairs and long slender bristles.

Laphria Decula.

Group 4.

Corpus lineare, sat gracile. Caput dense pilosum. Facies apud epistoma convexa. Mystax densissime setosus. Proboscis recta, linearis. Antennarum articulus 3us longifusiformis, 1o et 2o conjunctim paullo longior. Abdomen pubescens, lateribus subpilosis. Thoracis latera pilosa. Pedes sat graciles, pilosi, setosi.

Body linear, rather slender. Head thickly clothed with hairs. Face convex towards the epistoma. Mystax with very numerous bristles. Proboscis straight, linear, moderately long and slender. Third joint of the antennæ elongate, fusiform, a little longer than the 1st and the 2nd together. Sides of the thorax hairy and with a few bristles. Abdomen pubescent, hairy on each side towards the base. Legs hairy, beset with a few bristles, rather slender. Fore fork of the cubital vein slightly undulating; hind fork very slightly curved, nearly parallel to the 1st externo-medial; 2nd externo-medial straight; 3rd forming an obtuse angle with the præbrachial,

joining the 4th very far from the border. Subanal joining the anal near the border.

Laphria abdominalis.

100. LAPHRIA RUFIBARBIS.

Atra; caput rufo hirtum; antennæ et pedes rubida.

Laphria rufibarbis, *Fabr.*

Guinea.

101. LAPHRIA PRÆCEPS.

Nigra, nigro hirta; mystax rufo hirtus; antennæ rufescentes; abdomen purpureum; pedes rufescentes; alæ nigro-purpureæ.

Black, clothed with black hairs. Mystax thickly clothed with bright reddish hairs. Antennæ dull red. Abdomen purple, with bluish and greenish reflections. Legs reddish, with reddish hairs; coxæ and femora black, with black hairs. Wings purplish black. Length of the body 11 lines; of the wings 20 lines.

a. Port Natal. From Mr. Plant's collection.

102. LAPHRIA FLAVIPES.

Fœm. *Nigra; abdomen obscure chalybeo-violascens; pedes flavi, femoribus tibiisque apice nigris; alæ nigro-cyaneæ.*

Laphria flavipes, *Wied. Dipt. Exot.* i. 238, 12; *Auss. Zweifl.* i. 519, 33. *Macq. Dipt. Exot.* i. 2, 63, 1.

Cape.

a. Port Natal. From Dr. Krauss' collection.

103. LAPHRIA UFENS.

Laphria Ufens, *Cat. of Diptera*, Pt. 2, 372.

Sierra Leone.

104. LAPHRIA VARIPES.

Cyaneo-nigra; faciei latera alba; pedes flavi, femoribus, tibiis tarsisque apice coxisque nigris, femoribus posticis vix incrassatis; alæ fuscæ.

Laphria varipes, *Macq. Hist. Nat. Dipt.* i. 286, 26.

Cape.

106. LAPHRIA METALLI.

Laphria Metalli, *Diptera Saundersiana*, Pt. 2, 105.

Cape.

107. LAPHRIA LUCTUOSA.

Mas. *Nigra; abdomen elongatum, angustum, recurvum, fasciis duabus albis interruptis, apice cyaneo; pedes longi; alæ fulvæ.*

Laphria luctuosa, *Macq. Dipt. Exot. Suppl.* 2, 37, 31.

Senegal.

108. LAPHRIA ALBIMACULATA.

Fœm. *Nigra; thorax vittis albo tomentosis; abdomen cyaneo-nigrum, lateribus albo maculatis; alæ subcinereæ.*

Laphria albimaculata, *Macq. Dipt. Exot.* i. 2, 64, 5.

Cape. Mauritius.

Var.? *Abdomen cupreum.*

a. ——— ?

109. LAPHRIA BOMBOIDES.

Nigra; antennarum articulus ultimus testaceus; abdominis segmenta quatuor apicalia albicante subflavescente pilosa; alæ subfuscescentes, venis fuscis flavo marginatis. Mas.—*Mystax rufus; thorax antice fulvo pilosus.* Fœm.—*Mystax albidus; thorax antice flavo pilosus.*

Laphria bomboides, *Macq. Expl. Scient. Alg.* iii. *Ins.* 432, 5, pl. 2, f. 10.

Algeria.

110. LAPHRIA ABDOMINALIS.

Nigra, albido pilosa; facies albo tomentosa; abdominis discus rufescens, rufo pubescens; alæ cinereæ.

Black, clothed with whitish hairs. Face with shining white tomentum on each side. Disk of the abdomen above reddish, clothed with red down. Tarsi ferruginous beneath. Wings gray; veins and halteres black. Length of the body 7 lines; of the wings 12 lines.

a. Algeria. From M. Parzudaki's collection.

111. Laphria albicincta.

Atra, nitida ; femora postica valde incrassata ; areola 1a posterior longe ante alæ marginem clausa.

Laphria albicincta, *Loew, Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 659, 11.

Mozambique.

112. Laphria Dymes.

Laphria Dymes, *Cat. of Diptera*, Pt. 2, 377.

L. flavipes, *var.?*

Sierra Leone.

113. Laphria lateralis.

Nigra ; thoracis abdominisque latera fulva ; pedes rufi, femoribus atris rufo fasciatis ; alæ nigro-fuscæ.

Laphria lateralis, *Fabr. Syst. Antl.* 157, 5. *Wied. Dipt. Exot.* i. 233, 3; *Auss. Zweifl.* i. 501, 4. *Macq. Hist. Nat. Dipt.* i. 285, 21.

Guinea.

114. Laphria tridentata.

Fœm. *Fusca ; abdomen nigrum ; pedes rubidi, femoribus posticis tridentatis ; alæ fuscæ.*

Dasypogon tridentatus, *Fabr. Syst. Antl.* 167, 14.
Laphria tridentata, *Wied. Dipt. Exot.* i. 239, 14; *Auss. Zweifl.* i. 521, 37.

Guinea.

115. Laphria hirtipes.

Fœm. *Nigra ; barba flavescens ; thorax fulvus ; alæ nigræ, basi flavido limpidæ.*

Laphria hirtipes, *Fabr.*

Guinea.

116. Laphria testacea.

Fœm. *Testacea ; alæ antice subflavæ, postice subfuscæ, macula discali punctoque fuscis.*

Laphria testacea, *Macq. Dipt. Exot.* i. 2, 63, 2.

Cape.

117. Laphria Decula.

Dasypogon Decula, *Cat. of Diptera*, Pt. 2, 352.

Sierra Leone.

Mauritius.

A. Pedes nigri.
  A. Thorax viridi-niger. - - - - submetallica, *Macq.*
  B. Thorax niger.
    a. Facies albida. - - - - cærulescens, *Macq.*
    b. Facies non albida? - - - - cyaneogaster, *Macq.*
B. Pedes testacei. - - - - - - Breonii, *Macq.*

Group 1.

Corpus angustum, parce pilosum. Facies plana. Mystax setis plurimis instructus. Proboscis lanceolata. Antennarum articulus 3us longifusiformis, articulis 1o et 2o conjunctim paullo longior. Abdomen sublineare, thorace angustius. Pedes sat graciles, setis nonnullis longis instructi.

Fore fork of the cubital vein undulating, much curved near the base; hind fork slightly curved, inclined towards the first externo-medial, but at some little distance from it on the border; first and second externo-medial veins straight; third forming an obtuse angle with the præbrachial, joining the fourth at a short distance from the border. Subanal joining the anal very near the border.

Laphria submetallica.

118. Laphria submetallica.

Viridi-nigra; abdomen violaceo-nigrum, lateribus albido maculatis; antennæ pedesque nigra; alæ fuscanæ.

Laphria submetallica, *Macq. Dipt. Exot.* i. 2, 63, 3.

Isle of France.

119. Laphria cærulescens.

Nigra, facies albida; mystax niger; abdomen cyanco purpureoque nitens; segmentorum latera albo notata; alæ fuscescentes.

Laphria cærulescens, *Macq. Hist. Nat. Dipt.* i. 286, 28.

a. Isle of France.

120. Laphria cyaneogaster.

Fœm. *Nigra; abdomen cæruleum, albido maculatum; alæ fuscanæ.*

Laphria cyaneogaster, *Macq. Dipt. Exot.* i. 2, 64, 4.
Laphria cærulescens, *Var.?*

Isle of France.

121. Laphria Breonii.

Mas. *Nigra; abdomen cærulescens; pedes testacei; alæ cinereæ.*

Laphria Breonii, *Macq. Dipt. Exot.* i. 2, 65, 6.

Isle Bourbon.

Asia.

A. Corpus sat gracile.
A. Corpus plus minusve metallicolor.
a. Alæ nigræ aut nigro-fuscæ.
a. Abdomen maculis humeralibus albis. scapularis. *Wied.*
b. Corpus non albo varium. - - Taphius, *Walk.*
b. Alæ infumatæ, basi flavidæ. - - spectabilis, *Guér.*
c. Alæ fuscanæ.
a. Abdomen nigrum. - - laterepunctata, *Macq.*
b. Abdomen viride. - - - - elegans, *Walk.*
d. Alæ ferrugineæ. - - - - - horrida, *Walk.*
e. Alæ fulvæ, areolarum discis sublimpidis. - dira, *Walk.*
f. Alæ hyalinæ, postice fuscæ. - - aurifacies, *Macq.*
B. Corpus non metallicolor.
a. Alæ nigricantes.
a. Pedes nigri.
i. Alæ dimidiato nigricantes. - dimidiata, *Macq.*
ii. Alæ totæ nigricantes. - - chrysotelus, *Walk.*
b. Pedes mellei.
i. Alæ nigræ, dimidio basali flavo. leucoprocta, *Wied.*
ii. Alæ nigricantes, dimidio basali sublimpido. Javana, *Macq.*
iii. Alæ nigellæ. - - - - Vulcanus, *Wied.*
b. Alæ fuscæ.
a. Abdomen apice pallidum. - - - crassipes, *Fabr.*
b. Abdomen apice nigrum. - - - - Tucca, *Walk.*
c. Alæ cinereæ. - - - - - Elva, *Walk.*
d. Alæ subcinereæ, fasciis duabus subfuscescentibus. triangularis, *Walk.*
e. Alæ flavescentes, margine postico nigello.
a. Thorax fulvus. - - - - Reinwardtii, *Wied.*

b. Thorax niger, aureo tomentosus. - fervens, *Walk.*

F. Alæ fulvæ, marginibus posticis cinereis.

a. Femora nigro vittata. - - - sæva, *Walk.*

b. Femora non vittata. - - - constricta, *Walk.*

G. Alæ fulvæ, apicibus marginibusque posticis cinereis. aurigena, *Walk.*

H. Alæ flavescentes.

a. Pedes nigri. - - - - Bengalensis, *Wied.*

b. Pedes pallidi.

i. Thorax aurato hirtus, vittis nigellis. alternans, *Wied.*

ii. Thorax rufo pubescens. - - luteipennis, *Macq.*

C. Thorax cinereus, vittis nigricantibus. heteroneura, *Macq.*

D. Thorax fulvus, fusco vittatus. - - senomera, *Macq.*

E. Thorax luteus. - - - - - gigas, *Macq.*

Asiatic groups.

Group 1.

Venula discalis et vena externo-media conjunctæ.

Structure of *L. bimaculata.*

Discal veinlet and first externo-medial vein in one line.

Laphria scapularis, *Wied.*

Group 2.

Corpus gracile, pilis setisque paucis. Facies plana. Mystax parce setosus. Proboscis brevis, robusta, recta, lanceolata. Antennarum articulus 3us longifusiformis, 1o et 2o conjunctim paullo longior. Pedes setosi, sat graciles.

Body slender, with a few hairs and bristles. Face flat. Mystax with a few bristles. Proboscis short, stout, straight, lanceolate. Third joint of the antennæ elongate-fusiform, rather longer than the first and the second together. Legs bristly, rather slender. Fore fork of the cubital vein slightly undulating; hind fork slightly curved, inclined to the first externo-medial, but at some distance from it on the border; first and second externo-medial veins straight; third forming an obtuse angle with the præbrachial, and joining the fourth very near the border. Subanal united to the anal very near the border.

Laphria Taphius, *Walk.*

Group 3.

Corpus gracile, longiusculum, lineare, subpubescens, parce setosum. Facies apud epistoma convexa. Mystax setis nonnullis longissimis. Proboscis longa, recta, linearis, gracilis. Antennæ longæ; articulus 3us sublinearis, 1o et 2o conjunctim fere duplo longior. Pedes graciles, sat longi, breviter pilosi et subsetosi; tibiæ anticæ intus subciliatæ.

Body slender, linear, rather long, slightly pubescent, with a few bristles. Face convex towards the epistoma. Mystax with several very long and slender bristles. Proboscis long, straight, slender, linear. Antennæ long; third joint very slightly tapering towards each end, nearly twice the length of the first and second together. Legs rather long and slender, somewhat hairy, with a few bristles. Fore fork of the cubital vein hardly undulating; hind fork hardly curved, slightly inclined towards the first externo-medial; first and second externo-medial nearly straight; third forming a very obtuse angle with the præbrachial, joining the fourth at some distance from the border. Subanal joining the anal near the border.

Laphria elegans, *Walk.*

Group 4.

Corpus latum, pilis setisque perpaucis. Facies apud epistoma convexa. Mystax setis octo. Proboscis longa, valida, recta. Antennarum articulus 3us longissimus, sublinearis, basi apiceque subattenuatus, 1o et 2o conjunctim duplo longior. Abdomen setis paucis lateralibus. Pedes valde robusti, breviter pilosi, parce setosi.

Body broad, with very few hairs and bristles. Face convex towards the epistoma. Mystax with eight bristles. Proboscis long, stout, straight. Third joint of the antennæ very long, nearly linear, slightly tapering towards each end, about twice the length of the first and the second together. Abdomen with a few bristles along each side. Legs very stout, clothed with short hairs and with a few bristles. Fore branch of the cubital vein hardly undulating; hind branch nearly straight; first and second externo-medial veins straight; third forming a very obtuse angle with the præbrachial, joining the fourth near the border. Subanal joining the anal very near the border.

Laphria vulcanus, *Wied.*; L. alternans, *Wied.*; L. fervens, *Walk.*

Group 5.

Corpus pilis setisque paucis. Facies apud epistoma valde convexa. Mystax raro pilosus et setosus. Proboscis longa, recta. Antennarum articulus 3us longus, gracilis, linearis, arcuatus, 1o duplo longior. Pedes validi, dense pilosi, parce setosi; femora crassa.

Body with a few hairs and bristles. Face very convex towards the epistoma. Mystax with some hairs and a few bristles. Proboscis long, straight. Third joint of the antennæ long, slender, linear, curved upward, about twice the length of the first. Legs stout, thickly clothed with long hairs and with a few bristles; femora thick. Forks of the cubital vein nearly straight; first and second externo-medial veins straight; third forming an obtuse angle, and joining the fourth rather near the border. Subanal united to the anal on the border.

Laphria Reinwardtii, *Wied.*; L. sæva, *Walk.*; L. constricta, *Walk.*

Group 6.

Corpus lineare, longiusculum. Caput, thoracis abdominisque latera pedesque dense hirta. Facies apud epistoma convexa. Mystax densissime setosus. Proboscis longa, recta, gracilis, linearis. Pedes validi; femora sat crassa.

Body linear, rather long. Head, sides of the thorax and of the abdomen, and legs very hairy. Face convex towards the epistoma. Mystax very thickly setose. Proboscis long, straight, slender, linear. Legs stout; femora rather thick. Fore fork of the cubital vein nearly straight; hind fork and first externo-medial vein straight and parallel to each other; second externo-medial straight; third forming an obtuse angle with the præbrachial, joining the fourth at some distance from the border. Subanal joining the anal near the border.

Laphria chrysotelus, *Walk.*; L. horrida, *Walk.*; L. dira, *Walk.*

Group 7.

Corpus latum, valde hirtum et setosum. Facies subconvexa. Mystax dense setosus. Proboscis gracilis, recta, sublinearis. Antennarum articulus 3us ellipticus, 1o paullo brevior. Abdomen longi-obconicum. Pedes robusti, hirsutissimi, setis plurimis crassis instructi; tibiæ posticæ arcuatæ.

Fore fork of the cubital vein undulating; hind fork very slightly curved, united to the first externo-medial very near the border; first and second externo-medial veins nearly straight; third forming a slightly obtuse angle with the præbrachial, joining the fourth at a long distance from the border. Subanal joining the anal very near the border.

Laphria Elva, *Walk.*

122. Laphria scapularis.

Fœm. *Nigra; nigro hirta; maculæ humeralis albæ; abdomen chalybeum; alæ nigræ.*

Laphria scapularis, *Wied. Auss. Zweifl.* i. 516, 29.

a. Java. From the East India Company's collection.

This species has a remarkable resemblance to the Brazilian *L. bimaculata*, but the following characters will sufficiently distinguish them:—

Laphria bimaculata.	*Laphria scapularis.*
Head clothed beneath with whitish hairs.	Head clothed beneath with black hairs.
Mystax with white and with a few black bristles.	Mystax wholly composed of black bristles.
Legs rather thickly clothed with hairs, part of which are whitish; tarsi and fore tibiæ ferruginous beneath.	Legs wholly and rather thinly clothed with black hairs.
Discal veinlet and third externo-medial vein apart.	Discal veinlet and third externo-medial vein in one line, as in the genus *Atomosia.*

123. Laphria Taphius.

Laphria Taphius, *Cat. of Diptera*, Pt. 2, 380.

124. Laphria spectabilis.

Viridi nitens; thorax antice flavo maculatus; abdomen cyaneum; tibiæ anticæ intus scriceo flavidæ; alæ infumatæ, basi flavidæ.

Laphria spectabilis, *Guér. Voy. de la Coquille, Zool.* ii. 292.
Laphria splendida, *Guér. Voy. de la Coq. Atlas, Ins.* pl. 20, f. 7.

Amboina.

125. Laphria lateropunctata.

Fœm. *Nigra; thorax œnescens, lateribus albo maculatis; alæ fuscanæ.*

Laphria lateropunctata, *Macq. Dipt. Exot.* i. 2, 66, 9.

China.

126. Laphria elegans.

Æneo-viridis; caput, pectus thoracis maculæ humerales abdominisque maculæ laterales albo tomentosa; antennæ et proboscis nigræ; pedes purpurei; alæ cinereæ, venis fusco limbatis.

Bright green, here and there with an æneous tinge. Head, pectus, two humeral spots, and spots along the sides of the abdomen, with shining white tomentum. Antennæ and proboscis black. Legs purple; femora partly green or blue; tarsi black; fore tibiæ fringed with whitish hairs. Wings gray, brownish about the veins. Length of the body 8 lines; of the wings 16 lines.

a. East Indies. From Mr. Stevens' collection.

127. Laphria horrida.

Nigra; caput aureo tomentosum; thorax vittis duabus lateralibus auratis; abdomen cupreo nigrum; tibiæ anteriores subtus rufescentes; alæ ferrugineæ.

Black, hairy. Head with gilded tomentum, clothed with gilded hairs above and with brownish hairs beneath. Face very convex. Mystax with gilded bristles and with a few black lower bristles. Proboscis long, lanceolate compressed. Thorax with two gilded stripes. Pectus with a gilded spot on each side. Abdomen cupreous black. Legs with very long hairs; hind tibiæ curved with reddish hairs at the tips; anterior tibiæ reddish beneath and clothed with reddish hairs. Wings and halteres ferruginous, the latter with piceous tips. Length of the body 15 lines; of the wings 28 lines.

a. Sumatra. From Sir Stamford Raffles' collection.

128. Laphria dira.

Nigricans; caput aureo tomentosum; antennæ basi fulvæ; thorax fulvo tomentosus, vittis duabus auratis duabusque nigricantibus; abdomen cupreo-nigrum, segmentis 1o 3um fulvo fasciatis; pedes fulvi, femoribus nigro vittatis; alæ fulvæ, areolarum discis sublimpidis.

Blackish. Head with gilded tomentum beneath. Face slightly convex. Mystax with tawny bristles. Proboscis black, short, lanceolate rather slender. Antennæ tawny; third joint blackish, nearly linear, slightly tapering towards the tip, about twice the length of the first and second joints together. Thorax with tawny tomentum; two indistinct blackish dorsal stripes, and two broader lateral gilded stripes. Pectus with a pale gilded disk. Abdomen cupreous black; first, second and third segments with tawny bands which are dilated on each side. Legs tawny, hairy, spinose; femora with black stripes, which are broadest on the hind pair; hind tibiæ much curved. Wings tawny; most of the areolets with nearly limpid streaks. Halteres tawny. Length of the body 13 lines; of the wings 24 lines.

a. Sumatra. From Sir Stamford Raffles' collection.

129. LAPHRIA AURIFACIES.

Mas. *Nigra; facies aurea; abdomen violaceum, maculis lateralibus flavidis; alæ antice hyalinæ, postice fuscæ.*

Laphria aurifacies, *Macq. Dipt. Exot. Suppl.* 3, 22, 33, pl. 2, f. 5.

Moluccas.

130. LAPHRIA DIMIDIATA.

Mas. *Nigra; thorax vittatus; alæ dimidiato nigræ.*

Laphria dimidiata, *Macq. Dipt. Exot. Suppl.* 1, 72, 23.

Manilla.

131. LAPHRIA CHRYSOTELUS.

Nigra, nigro hirta; caput, thorax anticus et abdomen apicem versus aurato hirta; alæ nigricantes.

Black, thickly clothed with black hairs and bristles. Head thickly clothed with gilded tomentum and hairs, and about the mouth with black hairs. Mystax of gilded hairs. Fore part of the thorax with gilded hairs, which are interrupted by a brownish stripe. Abdomen with gilded hairs near the tip, which is ferruginous. Wings blackish; veins black. Length of the body 12 lines; of the wings 22 lines.

a. East Indies. From Mr. Stevens' collection.

132. LAPHRIA LEUCOPROCTA.

Nigra; thorax orichalceo pictus; scutellum, abdominis basis maculæque laterales niveo pilosa; pedes mellei; alæ nigræ, dimidio basali flavo.

Laphria leucoprocta, *Wied. Auss. Zweifl.* i. 517, 30.

Java.

133. LAPHRIA JAVANA.

Mas. *Nigra; facies, humeri et thoracis latera albida; abdomen basi album, lateribus albo maculatis; pedes flavi, tarsis apice coxisque nigricantibus; alæ sublimpidæ, dimidio apicali nigricante.*

Laphria Javana, *Macq. Hist. Nat. Dipt.* i. 282, 10.

Java.

134. LAPHRIA VULCANUS.

Fœm. *Nigra; thorax et abdomen aurato-picta; pedes mellei; alæ nigellæ.*

Laphria Vulcanus, *Wied. Auss. Zweifl.* i. 514, 25.

a. Java. From the East India Company's collection.

135. LAPHRIA CRASSIPES.

Nigra; frons aurea; abdomen apice testaceo rubens; femora clavata; alæ fuscæ.

Dioctria crassipes, *Fabr. Syst. Antl.* 152, 16.

Laphria crassipes, *Wied. Dipt. Exot.* i. 240, 16; *Auss. Zweifl.* i. 521, 38.

Sumatra.

136. LAPHRIA TUCCA.

Asilus Tucca, *Cat. of Diptera*, Pt. 2, 437.

137. LAPHRIA ELVA.

Asilus Elva, *Cat. of Diptera*, Pt. 2, 445.

North Bengal.

138. LAPHRIA TRIANGULARIS.

Nigricans, aureo tomentosa; antennæ basi fulvæ; thorax nigro-fusco trivittatus; abdomen nigrum, segmentis fulvo fasciatis; pedes fulvi; alæ subcinereæ, fasciis duabus subfuscescentibus.

Head and thorax blackish, with gilded tomentum. Head clothed beneath with pale gilded hairs. Face hardly convex. Mystax small, with gilded bristles; some pale gilded hairs between it and the antennæ. Antennæ black; first and second joints tawny. Thorax with three broad confluent blackish brown stripes; the lateral pair shortened in front. Abdomen black, shining; first, second, third and fourth dorsal segments with tawny bands, which

are dilated on each side; fifth segment wholly black; sixth tawny. Legs tawny, with long hairs and bristles; posterior knees black. Wings slightly grayish, with two indistinct pale brownish bands; veins black, tawny at the base. Halteres testaceous. Length of the body 7 lines; of the wings 14 lines.

a. Sumatra. From Sir Stamford Raffles' collection.

139. Laphria Reinwardtii.

Mas. *Fulva; thorax fusco vittatus; abdomen nigrum, fulvo fasciatum; alæ flavæ, margine interno nigellæ.*

Laphria Reinwardtii, *Wied.*

140. Laphria fervens.

Nigra; aureo tomentosa; thorax nigro-fusco trivittatus; abdominis segmenta marginibus posticis ferrugineis; pedes fulvi, femoribus posticis nigro fasciatis; alæ fulvæ, marginibus posticis nigricantibus.

Black. Head and thorax with gilded tomentum. Head thickly clothed beneath with tawny hairs. Mystax thick, reddish tawny. Antennæ black. Thorax with three brownish black stripes; the lateral pair shortened in front and contracted behind. Pectus with pale gilded tomentum, excepting a piceous stripe along each side. Hind borders of the abdominal segments ferruginous. Legs tawny, thickly clothed with long tawny hairs; coxæ black, shining; hind femora with a blackish band, which is interrupted on each side. Wings tawny, blackish along the hind border; veins reddish. Length of the body 11 lines; of the wings 20 lines.

a. Sumatra. From Sir Stamford Raffles' collection.

141. Laphria sæva.

Nigricans; caput aureo tomentosum; thorax vittis duabus auratis fusco interrupte interlineatis; abdominis margines fulvi; pedes fulvi; femoribus nigro vittatis; alæ fulvæ, marginibus posticis cinereis.

Blackish. Head with pale gilded tomentum, thickly clothed with long gilded hairs. Face very convex. Mystax thick. Proboscis straight, long, linear, compressed. Thorax with two broad gilded stripes, each containing two large brownish spots. Pectus with a pale gilded disk. Hind borders of the abdominal segments tawny. Legs tawny; femora with black stripes, which are broadest on the hind pair. Wings tawny; hind borders gray. Halteres pale tawny. Length of the body 11 lines; of the wings 18 lines.

a. Sumatra. From Sir Stamford Raffles' collection.

142. LAPHRIA CONSTRICTA.

Nigricans; caput aureo tomentosum; antennæ fulvæ; thoracis vittæ duæ auratæ maculis quatuor nigricantibus testaceo marginatis variegatæ; abdomen basim versus subcontractum, segmentis 1o et 2o fulvis nigro maculatis, apice fulvo; pedes fulvi, tibiis posticis nigro fasciatis; alæ fulvæ, cinereo marginatæ.

Blackish. Head with pale gilded tomentum and hairs. Face slightly convex. Mystax thick. Proboscis tawny, lanceolate, rather short and slender. Antennæ tawny; third joint fusiform, a little longer than the first and second together. Thorax with two broad gilded stripes, each including two blackish testaceous bordered spots; hind part gilded with a blackish spot on the scutellum and another behind. Abdomen fusiform, somewhat contracted near the base; first and second segments tawny, each with a blackish rhomboidal dorsal spot; tip tawny. Legs tawny; hind knees blackish; hind tibiæ with a blackish band. Wings tawny; hind borders and tip grayish; veins and halteres tawny. Length of the body 8 lines; of the wings 13 lines.

a. Sumatra. From Sir Stamford Raffles' collection.

143. LAPHRIA AURIGENA.

Chærades aurigena, *Diptera Saundersiana*, Pt. 2, 109, pl. 4, f. 8.

Java or Sumatra.

144. LAPHRIA BENGALENSIS.

Mas. *Nigra; abdominis incisuræ utrinque albidæ; alæ flavescentes.*

Laphria Bengalensis, *Wied. Dipt. Exot.* i. 237, 10. *Auss. Zweifl.* i. 512, 22.

Bengal.

145. LAPHRIA ALTERNANS.

Fœm. *Aurato hirta; thoracæ vittis nigellis; abdomen nigrum, fasciis aurato hirtis; pedes mellei; alæ flavidæ, apicibus marginibusque posticis cinereis.*

Laphria alternans, *Wied. Zweifl.* i. 511, 20.
Var.? Asilus apicata, *Cat. of Diptera*, Pt. 2, 436.

a. Java. From the East India Company's collection.

146. LAPHRIA LUTEIPENNIS.

Mas. *Nigra; antennæ basi fulvæ; thorax rufo pubescens; pedes alæque lutea.*

Laphria luteipennis, *Macq. Dipt. Exot. Suppl.* 3, 23, 84, pl. 2, f. 3.
Java.

147. LAPHRIA HETERONEURA.

Mas. *Nigra; thorax cinereus, nigricante vittatus; abdomen castaneum; pedes rufi; alæ subflavescentes, venæ cubitalis furca postica et vena externo-media la ante marginem conjunctis.*

Laphria heteroneura, *Macq. Dipt. Exot.* i. 2, 70, 19, pl. 6, f. 3.
Arabia.

148. LAPHRIA SENOMERA.

Mas. *Fulva; thorax fusco-vittatus; abdomen fuscum, fulvo-fasciatum; alæ flavidæ.*

Laphria senomera, *Macq. Dipt. Exot.* i. 2, 6, 5, 8, pl. 6, f. 2.
Bengal.

149. LAPHRIA GIGAS.

Mas. *Nigra; thorax, pedes alæque lutea; femora posteriora nigra.*

Laphria gigas, *Macq. Dipt. Exot.* i. 2, 65, 7.
East Indies.

New Guinea, &c.

Group 1.

Corpus metallicum, parce pilosum et setosum. Facies plana. Mystax setis paucis. Proboscis compressa, recta, linearis. Antennarum articulus 1us 2o multo longior; 3us fusiformis, 1o multo longior. Pedes hirti; femora non crassa; tibiæ posticæ fere rectæ.

Proboscis compressed vertically. Radial vein curved near its tip. Fore fork of the cubital slightly undulating; hind fork and first externo-medial vein nearly straight, hardly inclined towards each other. Third externo-medial curved, forming an obtuse angle with the præbachial, which is slightly curved, joining the fourth far from the border. Subanal joining the anal on the border.

Laphria aurifrons, *Walk.*

150. LAPHRIA DOREI.

Fœm. *Thorax fulvus, vitta fusca; abdomen alæque fusca.*

Dasypogon Dorei, *Boisduval, Voy. de l'Astrolabe, Atlas Entomol.* pl. 12, f. 10.

Laphria Dorei, *Macq. Dipt. Exot.* i. 2, 67, 10.

151. LAPHRIA IODISOMA.

Fusco-cuprea; abdomen cyaneum; alæ fuscæ.

Laphria iodisoma, *Boisd. Voy. de l'Astrolabe, Atlas, Ent.* pl. 12, f. 9.

New Guinea.

152. LAPHRIA CYANEA.

Viridi-cyanea; caput, pectus et humeri nigra, albo tomentosa; frons et facies aureæ; abdominis latera albo maculata; pedes purpureo-cyanei, tarsis nigris; alæ nigræ, basi sublimpidæ.

Laphria cyanea, *Macq. Hist. Nat. Dipt.* i. 286, 27.

Greenish blue. Head, pectus and humeral spots black, with white tomentum. Front and face gilded and with gilded hairs. Mystax with a few black bristles. Hind borders of the abdominal segments with lateral spots of white tomentum. Legs purplish blue; tarsi black. Wings black, nearly limpid towards the base. Length of the body 6 lines; of the wings 11 lines.

This species much resembles *L. aurifacies*, but differs in the colour of the wings and of the abdominal spots.

New Guinea.

a. Aneiteum, New Hebrides. From the Voyage of H.M.S. Herald. Collected by J. Macgillivray, Esq.

Australia.

A. Corpus plus minusve metallicolor.
  A. Pedes nigri.
    a. Abdomen cyaneum. - - - - Tectamus, *Walk.*
    b. Abdomen æneum. - - - splendidissima, *Wied.*
  B. Femora fulva. Alæ fuscæ. - - rufifemorata, *Macq.*
  C. Femora dimidio basali flavo. Alæ limpidæ, fusco variæ. Telecles, *Walk.*
B. Corpus non metallicolor. - - - - Amaracus, *Walk.*

Group 1.

Caput hirsutissimum. Facies apud epistoma valde convexa.

Mystax setis paucis. Proboscis validu, subarcuata. Antennarum articulus 3us fusiformis, 1o et 2o conjunctim æqualis. Thorax subpubescens; latera subpilosa. Abdomen pubescens, basi pilosum et tomentosum, lateribus subsetosis. Pedes validi, pilosi, setis paucis; tarsi spinosi.

Head very hairy. Face very convex towards the epistoma. Mystax with a few bristles. Proboscis stout, slightly curved. Third joint of the antennæ fusiform, as long as the first and second together. Thorax thinly pubescent, slightly hairy on each side. Abdomen pubescent, with a few bristles on each side, hairy and tomentose towards the base. Legs stout, hairy, with a few bristles; tarsi spinose. Fore fork of the cubital vein much curved near the base, slightly curved from thence to the tip; hind fork very slightly curved, joining the first externo-medial vein near the border; first and second externo-medial veins straight; third curved abruptly hindward, and joining the fourth far from the border. Subanal united to the anal at some distance from the border.

L. Tectamus, *Walk.*

Group 2.

Caput hirsutissimum. Facies apud epistoma convexa. Mystax dense setosus. Proboscis longa, recta. Antennarum articulus 3us fusiformis, 1o et 2o conjunctim multo longior. Thoracis et abdominis latera pilosa. Pedes validi, pilosi, setosi; femora crassa; tibiæ posticæ arcuatæ.

Head very hairy. Face convex towards the epistoma. Mystax thickly beset with bristles. Proboscis long, straight. Third joint of the antennæ fusiform, much longer than the first and the second together. Thorax and abdomen hairy on each side. Legs stout, hairy, setose; femora thick; hind tibiæ curved. Fore fork of the cubital vein undulating; hind fork inclined towards, but not united to the first externo-medial; second externo-medial straight; third forming an obtuse angle with the præbrachial, joining the fourth at some little distance from the border. Subanal joining the anal very near the border.

L. Telecles, *Walk.*

Group 3.

Corpus robustum. Caput et thorax setosa. Facies lata, plana, apud epistoma convexa. Mystax setis plurimis. Proboscis brevis, valida, recta, lanceolata. Antennarum articulus 3us gracilis, subliuearis, 1o et 2o conjunctim paullo longior. Abdomen obconicum, breviusculum, subpilosum. Pedes validi, setosi, non pilosi; femora tibiis non crassiora.

Body stout. Head and thorax setose. Face broad, flat. Mystax seated on a convex tubercle, beset with numerous bristles. Proboscis short, stout, straight, lanceolate. Third joint of the antennæ slender, nearly linear, rather longer than the first and the second together. Abdomen rather short, tapering from the base to the tip, thinly clothed with hairs. Legs, stout, bristly, not hairy; femora not thicker than the tibiæ. Fore fork of the cubital vein curved forward; hind fork almost straight, slightly inclined to the first externo-medial, but at some distance from it on the border; first externo-medial nearly straight; second slightly curved; third forming a very obtuse angle with the præbrachial, inclined towards the fourth, but remote from it on the border. Subanal very near the anal on the border.

L. Amaracus, *Walk.*

153. LAPHRIA TECTAMUS.

Laphria Tectamus, *Cat. of Diptera*, Pt. 2, 374.

New Holland.

154. LAPHRIA SPLENDIDISSIMA.

Obscure ænea; antennæ et pedes nigra; abdomen splendidissime æneum, fasciis linearibus luteis; alæ fuscescentes.

Laphria splendidissima, *Wied. Auss. Zweifl.* ii. 645, 64.

New Holland.

155. LAPHRIA RUFIFEMORATA.

Fœm. *Nigra; abdomen cyaneum; femora fulva; alæ fuscæ.*

Laphria rufifemorata, *Macq. Dipt. Exot. Suppl.* 1, 73, 24, pl. 7, f. 16.

Tasmania.

156. LAPHRIA TELECLES.

Laphria Telecles, *Cat. of Diptera*, Pt. 2, 376.

New Holland.

157. LAPHRIA AMARACUS.

Laphria Amaracus, *Cat. of Diptera*, Pt. 2, 380.

New Holland.

Country unknown.

A. Alæ nigræ, aut fusco-nigræ.
  A. Corpus submetallico nigrum. - - melanoptera, *Wied.*

B. Corpus scoriacco nigrum. - - - - robusta, *Wied.*
C. Abdomen testaceum. - - - - - bicolor, *Wied.*
D. Thorax apice et abdomen basi flava. nigripennis, *Wied.*
B. Alæ fuscescentes. - - - - - - bicolor, *Macq.*
C. Alæ subfuscæ, postice sublimpidæ. - - Tidius, *Walk.*
D. Alæ medio fuscanæ. - - - - - leucospila, *Wied.*
E. Alæ flavæ, macula violacea. - - - notabilis, *Macq.*
F. Alæ flavæ, apice fuscæ. - - - - flavipennis, *Macq.*
G. Alæ flavescentes.
A. Pedes nigri.
A. Abdomen totum nigrum. - - - senopeza, *Macq.*
B. Abdomen apice testaceum. - - - gracilis, *Macq.*
B. Pedes rubidi. - - - - - - xanthoptera, *Wied.*
H. Alæ apud apices flavidæ. - - - - hirsuta, *Wied.*
I. Alæ cinereæ. - - - - - - - picipes, *Walk.*
J. Alæ limpidæ, apice fuscanæ. - - chrysocosmia, *Wied.*
K. Alæ albæ. - - - - - - - - Alebas, *Walk.*

Group 1.

Corpus latissimum, densissime pilosum, non setosum. Facies convexa, densissime hirta. Proboscis latissima, recta, linearis. Antennarum articulus 3us subfusiformis, 1o et 2o conjunctim multo longior. Pedes robusti, valde pilosi; femora crassa.

Body very broad, very thickly clothed with short hairs, not setose. Face convex, thickly covered with hairs, which form the mystax. Proboscis linear, straight, very broad. Third joint of the antennæ very much longer than the first and the second together, slightly increasing in breadth from the base to three-fourths of the length, whence it tapers to the tip. Legs hairy, very stout; femora thick. Fore fork of the cubital vein very slightly undulating; hind fork and first externo-medial vein nearly straight, parallel to each other; second externo-medial straight; third forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some distance from the border.

Laphria Tidius, *Walk.*

Group 2.

Laphria tergissæ structura.

Structure of *L. tergissa* and of the other species in the second American group.

Laphria Alebas, *Walk.*

Group 3.

Laphria rufibarbis structura.

Structure of *L. rufibarbis* and of the other species in the first African group.

158. LAPHRIA MELANOPTERA.

Mas. *Submetallico hirta; mystax et barba alba; alæ nigræ.*

Laphria melanoptera, *Wied. Auss. Zweifl.* i. 514, 26.

159. LAPHRIA ROBUSTA.

Mas. *Scoriacco-nigra; caput et tibiæ anticæ subtus albo hirta; alæ nigræ.*

Laphria robusta, *Wied. Auss. Zweifl.* i. 500, 2.

160. LAPHRIA BICOLOR.

Fœm. *Nigra; abdomen testaceum; alæ fusco-nigræ; halteres flavi.*

Laphria bicolor, *Wied. Auss. Zweifl.* i. 522, 40.

161. LAPHRIA NIGRIPENNIS.

Nigra; thorax apice et abdomen basi flava; alæ nigræ.

Laphria nigripennis, *Wied. Auss. Zweifl.* ii. 646, 66.

162. LAPHRIA BICOLOR (nomen bis lectum).

Mas. *Nigra; caput, thorax et pedes antici flavo pilosa; abdomen et pedes postici nigro pilosa; tibiæ posticæ supra basi flavo pilosa; alæ fuscescentes.*

Laphria bicolor, *Macq. Hist. Nat. Dipt.* i. 283, 14.

163. LAPHRIA TIDIUS.

Laphria Tidius, *Cat. of Diptera*, Pt. 2, 384.

164. LAPHRIA LEUCOSPILA.

Fœm. *Nigra; abdomen utrinque maculis quatuor transversis albis; alæ medio fuscanæ.*

Laphria leucospila, *Wied. Auss. Zweifl.* i. 524, 44.

165. LAPHRIA NOTABILIS.

Mas. *Fulva; alæ flavæ, macula violacea.*

Laphria notabilis, *Macq. Dipt. Exot.* i. 2, 71, 20.

166. LAPHRIA FLAVIPENNIS.

Mas. *Atra; thorax flavescente tomentosus; abdomen cinereo micans, incisuris flavidis; tibiæ fulvæ; alæ flavæ, apice fuscæ.*

Laphria flavipennis, *Macq. Dipt. Exot.* i. 2, 71, 21.

167. LAPHRIA SENOPEZA.

Mas. *Nigra; barba mystaxque flavida; alæ flavidæ, areola 1a postica angustata.*

Laphria senopeza, *Macq. Dipt. Exot.* i. 2, 70, 19.

168. LAPHRIA GRACILIS.

Mas. *Gracilis, nigra; abdomen apice testaceum; alæ flavescentes.*

Laphria gracilis, *Macq. Dipt. Exot.* i. 2, 70, 22.

169. LAPHRIA XANTHOPTERA.

Nigra; antennæ elongatæ; pedes rubidi; alæ flavæ.

Laphria xanthoptera, *Wied. Auss. Zweifl.* i. 530, 54.

170. LAPHRIA HIRSUTA.

Mas. *Scoriaceo-nigra, albo hirta; abdomen utrinque maculis trigonis albis; alæ apud apicis flavidæ.*

Laphria hirsuta, *Wied. Auss. Zweifl.* i. 519, 19.

171. LAPHRIA PICIPES.

Obscure cuprea, nigro hirta; caput subtus testaceo pilosum; facies aureo pubescens; mystax nigro setosus; antennæ nigræ; abdomen incisuris utrinque albis, apice piceo; pedes picei, tibiis tarsisque anticis subtus aureo tomentosis; alæ cinereæ.

Dark cupreous, clothed with short black hairs. Head beneath with pale testaceous hairs. Face with gilded down. Mystax with black bristles. Proboscis and antennæ black. Abdomen cupreous; hind borders of the segments white on each side; tip piceous. Legs piceous, very hairy; fore tibiæ and fore tarsi beneath with

gilded down. Wings gray; veins black. Halteres testaceous. Length of the body 5 lines; of the wings 8 lines.

a. ——— ? From Mr. Children's collection.

172. LAPHRIA CHRYSOCOSMIA.

Mas. *Nigra; facies et mystax alba; abdomen apice aurato hirtum; alæ limpidæ, apice fuscanæ.*

Laphria chrysocosmia, *Wied. Auss. Zweifl.* i. 523, 42.

173. LAPHRIA ALEBAS.

Laphria Alebas, *Cat. of Diptera*, Pt. 2, 384.

Genus 5. SCANDON.

Corpus fere nudum. Mystax dense setosus. Antennarum articulus 2us 1o vix brevior; 3us subfusiformis, 1o et 2o conjunctim fere duplo longior. Abdomen *fœminæ* longi-obconicum, apice spinis armatum.

Scandon, *Diptera Saundersiana*, Pt. 2, 108.

Forks of the cubital vein nearly straight, the hind fork and the first externo-medial vein slightly converging; second externo-medial straight; third forming an obtuse angle with the præbrachial, much inclined towards the fourth, but at some little distance from it on the border. Subanal joining the anal on the border.

1. SCANDON COMPACTUS.

Scandon compactus, *Diptera Saundersiana*, Pt. 2, 108, pl. 4, f. 7.

New South Wales.

Genus 6. NUSA.

Corpus longiusculum, pilosum. Mystax setis nonnullis. Antennarum articulus 1us 2o longior; 3us subclavatus 1o paullo longior et multo latior. Pedes pilosi; femora gracilia; tibiæ subarcuatæ.

Nusa, *Diptera Saundersiana*, Pt. 2, 105.

Fore fork of the cubital vein slightly undulating; hind fork united to the first externo-medial vein at some distance from the border; second externo-medial straight; third forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal united to the anal at some distance from the border.

1. NUSA ÆQUALIS.

Nusa æqualis, *Diptera Saundersiana*, Pt. 2, 105.

East Indies.

2. NUSA FORMIO.

Nusa Formio, *Diptera Saundersiana*, Pt. 2, 106.

East Indies.

Genus 7. AMPYX.

Corpus gracile, nitens, raro pubescens. Mystax breviter pilosus. Proboscis lanceolata, porrecta. Antennarum articulus 3us latus, ovatus, 1o et 2o conjunctim brevior. Pedes longi, graciles, et parce setosi; tibiæ posticæ clavatæ; tarsi postici dilatati.

Body slender, shining, thinly covered with down. Face slightly convex towards the epistoma. Mystax with some short hairs. Proboscis porrect, lanceolate. Third joint of the antennæ broad, oval, not so long as the first and the second together. Legs long, slender, with a few bristles, which are longest on the tibiæ; hind tibiæ clavate; hind tarsi incrassated. Wings rather long and narrow. Fore fork of the cubital vein slightly undulating; hind fork very slightly curved, almost parallel to the first externo-medial; second externo-medial straight; third forming an obtuse angle with the præbrachial, joining the fourth very near the border. Subanal joining the anal on the border.

Megapoda crassitarsis and M. cyaneiventris, *Macq.* may belong to this genus.

1. AMPYX VARIPENNIS.

Niger; antennarum articulus 3us et pedes rufi; tibiæ apice tarsique nigra; alæ limpidæ, apud medium fuscescentes.

Black, shining. Third joint of the antennæ and legs red. Tarsi and tips of the tibiæ black. Wings limpid, with two brownish bands, one before the middle darker than the other, which is beyond the middle; veins black. Length of the body 11 lines; of the wings 9 lines.

a. Santarem, Brazil. From Mr. Bates' collection.

Genus 8. LAPHYSTIA.

Antennarum arista terminalis distincta, biarticulata, obtusa. Alarum venæ longitudinales 1a et 2a in ipso margine contiguæ.

Laphystia, *Loew*, *Linn. Ent.* ii. 538.

1. LAPHYSTIA SABULICOLA.

Mas et Fœm. *Nigra ; barba omnis abdominisque maculæ laterales albidæ ; alæ subcinereæ.*

Laphystia sabulicola, *Loew, Linn. Ent.* ii. 538.

South Coast of Asia Minor.

Genus 9. RHOPALOGASTER.

Corpus non punctatum. Caput mystace conspicuo. Proboscis porrecta. Antennæ triarticulatæ, non stylatæ, valde elongatæ, insertione solita ; articulus 3us nudus, obtusus. Abdomen petiolatum. Oviductus brevis. Alarum venæ cubitalis furca antica simplex.

Rhopalogaster, *Macq. Hist. Nat. Dipt.* i. 279.
Laphria, p., *Wied.*

1. RHOPALOGASTER LONGICORNIS.

Mas. *Nigra ; vibrissæ auratæ ; antennæ elongatæ ; abdomen gracillimum, basi nigrum ; alæ fuscæ.*

Laphria longicornis, *Wied. Auss. Zweifl.* i. 519, 35.
Rhopalogaster longicornis, *Macq. Hist. Nat. Dipt.* i. 279, 1.

Brazil.

Genus 10. MICHOTAMIA.

Corpus non punctatum. Caput mystace conspicuo. Proboscis porrecta. Antennæ triarticulatæ, mediocres, non stylatæ, insertione solita ; articulus 3us nudus, obtusus. Abdomen petiolatum. Oviductus brevis. Alarum venæ cubitalis furca antica simplex.

Fore fork of the cubital vein slightly undulating ; hind fork and first externo-medial vein nearly straight, hardly converging towards each other ; second externo-medial almost straight ; third forming a nearly right angle with the præbrachial, joining the fourth at some distance from the border. Subanal joining the anal on the border. Third externo-medial areolet petiolated at the base, and not connected with the pobrachial.

Michotamia, *Macq. Dipt. Exot.* i. 2, 72.

1. MICHOTAMIA ANALIS.

Mas. *Nigra ; antennæ basi testaceæ ; abdomen ferrugineum, apice nigrum ; pedes testacei ; alæ fusco-flavæ.*

Michotamia analis, *Macq. Dipt. Exot.* i. 2, 72, 1, pl. 6, f. 6.

Bengal. Java.

Genus 11. ATOMOSIA.

Corpus sæpissime punctatum. Caput mystace conspicuo. Proboscis porrecta. Antennæ triarticulatæ, non stylatæ, insertione solita; articulus 3us nudus, obtusus. Oviductus brevis. Alarum venæ cubitalis furca antica simplex; venæ transversæ posteriores lineam unam omnino aut fere tingentes.

Atomosia, *Macq. Dipt. Exot.* i. 2, 73.
Laphria, p., *Wied.*

Fore fork of the cubital vein undulating, much curved near the base; hind fork more or less curved, inclined towards the first externo-medial vein, but at some distance from it on the border; second externo-medial straight; third forming a right angle with the præbrachial, in a line with the discal areolet, joining the fourth at a long distance from the border. Subanal joining the anal very near the border.

North America.

A. Pedes nigri, tibiis testaceis. - - - pusilla, *Macq.*
B. Pedes pallidi.
A. Abdomen rufo marginatum. - - - macrocera, *Say.*
B. Abdomen non marginatum. - - - rufipes, *Macq.*

1. ATOMOSIA PUSILLA.

Viridi-nigra; tibiæ testaceæ; alæ subhyalinæ.

Atomosia pusilla, *Macq. Dipt. Exot.* i. 2, 76, 6.

North America.

2. ATOMOSIA MACROCERA.

Fœm. *Nigra, niveo pubescens; abdomen rubro marginatum; pedes rubri; alæ cinereæ.*

Laphria macrocera, *Say, Journ. Acad. Philad.* iii. 73, 3. *Wied. Auss. Zweifl.* i. 531, 57.

Pennsylvania.

3. ATOMOSIA RUFIPES.

Fœm. *Nigra; abdominis incisuræ albæ; pedes fulvi, tibiis posticis apice nigris; alæ basi subflavescentes.*

Atomosia rufipes, *Macq. Dipt. Exot.* i. 2, 39, 9.

Philadelphia.

West Indies.

4. Atomosia tibialis.

Mas. *Nigra; femora basi, genua tibiæque fulva; alæ hyalinæ.*

Atomosia tibialis, *Macq. Dipt. Exot. Suppl.* 1, 76, 6.

Merida, Yucatan. West Indies.

5. Atomosia incisuralis.

Fœm. *Nigra; abdominis incisuræ albidæ; tibiæ fuscanæ; alæ subcinereæ.*

Atomosia incisuralis, *Macq. Dipt. Exot*, i. 2, 76, 4, pl. 7, f. 1.

Cuba.

South America.

A. Alæ unicolores.
  A. Thorax niger.
    a. Femora non annulata.
      a. Venæ cubitalis furca antica simplex.
        i. Abdomen nigrum.
          * Alæ hyalinæ aut subhyalinæ.
            † Pedes non hirti.
              ‡ Pedes nigri; genua rufa.
                § Alæ hyalinæ. - - brevicornis, *Macq.*
                §§ Alæ subcinereæ. - - geniculata, *Wied.*
              ‡‡ Pedes anteriores flavi. - - antica, *Wied.*
            †† Pedes ciliati. - - - dasypus, *Wied.*
          ** Alæ subflavescentes. - - pleuritica, *Wied.*
          *** Alæ infumatæ.
            † Pedes toti nigri. - - - pusilla, *Wied.*
            †† Tibiæ flavæ. - - - scoriacea, *Wied.*
        ii. Abdomen submetallicum.
          * Alæ subhyalinæ. - - - unicolor, *Macq.*
          ** Alæ infumatæ. - - - - minuta, *Wied.*
      b. Venæ cubitalis furca antica ramulum rejiciens.
        appendiculata, *Macq.*
    B. Femora postica flavo annulata. - annulipes, *Macq.*
  B. Thorax æneus. - - - - nigroænea, *Walk.*
B. Alæ basi hyalinæ apice nigræ.
  A. Thorax niger. - - - - - nigripes, *Macq.*
  B. Thorax cupreus. - - - - - dispar, *Walk.*

6. ATOMOSIA BREVICORNIS.

Fœm. *Nigra; mystax niger; antennæ breves; abdominis incisuræ albæ; genua rufa; alæ hyalinæ.*

Atomosia brevicornis, *Macq. Dipt. Exot.* i. 2, 76, 5.

Brazil.

7. ATOMOSIA GENICULATA.

Nigra; abdominis incisuræ albæ; genua rubida; alæ subcinereæ; halteres rufescentes.

Laphria geniculata, *Wied. Dipt. Exot.* i. 241, 19; *Auss. Zweifl.* i. 528, 51.

Brazil.

8. ATOMOSIA ANTICA.

Nigra; pedes anteriores flavi; alæ limpidæ.

Laphria antica, *Wied. Auss. Zweifl.* i. 5, 30, 55.

Brazil.

9. ATOMOSIA DASYPUS.

Fœm. *Nigra; abdominis incisuræ albæ; pedes posteriores nigro ciliati; alæ limpidissimæ.*

Laphria dasypus, *Wied. Auss. Zweifl.* i. 527, 48.

a. Santarem, Brazil. From Mr. Bates' collection.

10. ATOMOSIA PLEURITICA.

Fœm. *Nigra; antennarum articulus 3us haud clavatus; pleuræ et pedes mellea; alæ subflavescentes.*

Laphria pleuritica, *Wied. Auss. Zweifl.* i. 257, 49.

Brazil.

Var. β.? *Tibiæ posticæ apice nigræ.*

a. Santarem, Brazil. From Mr. Bates' collection.

11. ATOMOSIA PUSILLA.

Fœm. *Nigra; humeri et genua rubida; alæ infumatæ.*

Laphria pusilla, *Wied. Auss. Zweifl.* i. 532, 59.

Brazil.

12. ATOMOSIA SCORIACEA.

Scoriacco-nigra ; tibiæ flavæ ; alæ infumatæ.

Laphria scoriacea, *Wied. Auss. Zweifl.* i. 529, 53.

Brazil.

13. ATOMOSIA UNICOLOR.

Fœm. *Nigra ; abdomen cyaneo-nigrum ; pedes nigro-fusci, albo hirti ; alæ subhyalinæ.*

Atomosia unicolor, *Macq. Dipt. Exot.* i. 2, 75, 3, pl. 7. f. 2, 3.

Allied to Laphria puella, *Wied.*

Brazil.

14. ATOMOSIA MINUTA.

Fœm. *Nigra ; abdomen submetallicum nitens ; alæ infumatæ.*

Laphria minuta, *Wied. Auss. Zweifl.* i. 530, 56.

Brazil.

15. ATOMOSIA APPENDICULATA.

Fœm. *Nigra ; abdominis incisuræ albæ ; alæ hyalinæ ; venæ cubitalis furca antica ramulum rejiciens.*

Atomosia appendiculata, *Macq. Dipt. Exot. Suppl.* 1, 76, 7, pl. 8, f. 1.

Cayenne.

16. ATOMOSIA ANNULIPES.

Nigra ; thorax flavo tomentosus ; abdomen cyaneo-nigrum ; femora postica flavo annulata.

Atomosia annulipes, *Macq. Dipt. Exot.* i. 2, 74, 1.

Brazil.

17. ATOMOSIA NIGROÆNEA.

Atomosia nigroænea, *Diptera Saundersiana*, Pt. 2, 154.

Colombia.

18. ATOMOSIA NIGRIPES.

Fœm. *Nigra ; alæ basi hyalinæ, apice nigræ.*

Atomosia nigripes, *Macq. Dipt. Exot.* i. 2, 74, 2.

Brazil.

19. Atomosia dispar.

Purpureo-cuprea ; facies, pectus et tibiæ anteriores argenteo tomentosa ; abdomen et pedes nigra ; tibiæ anteriores setis longis ; femora postica subtus spinosa ; alæ nigro-cinereæ, basi limpidæ.

Dark purplish cupreous. Thorax and hind part of the head with a few black bristles. Face, pectus and anterior tibiæ with silvery white tomentum. Mystax with a few white bristles. Abdomen dull black, tapering from the base to the tip, narrower than the thorax and more than twice its length. Legs black, hardly hairy; anterior tibiæ with long bristles; hind femora spinose beneath towards the tips. Wings blackish gray, limpid for more than one-third of the length from the base, and with some limpid marks near the base; veins black. Halteres white. Length of the body 5 lines; of the wings 9 lines.

a. Santarem, Brazil. From Mr. Bates' collection.

Asia.

20. Atomosia purpurata.

Purpurea, punctatissima ; alæ fusco-hyalinæ ; pedes rufi, tibiarum apicibus tarsisque nigris.

Atomosia purpurata, *Westw. Trans. Ent. Soc. Lond.* v. 233, pl. 23, f. 5.

East Indies.

Country unknown.

21. Atomosia puella.

Fœm. *Nigra ; facies, mystax, vibrissæ et barba alba ; genua rubida ; alæ limpidæ.*

Laphria puella, *Wied. Auss. Zweifl.* i. 531, 58.

Genus 12. CORMANSIS.

Atomosiæ similis, at alarum venula discalis et vena externomedia 3a non conjunctæ.

Cormansis, *Diptera Saundersiana*, Pt. 2, 154.

1. Cormansis Halictides.

Cormansis Halictides, *Diptera Saundersiana*, Pt. 2, 154.

East Indies.

Genus 13. LAXENECERA.

Caput mystace conspicua. Proboscis porrecta. Antennæ triarticulatæ, non stylatæ, insertione solita; articulus 3us villosus, obtusus. Oviductus brevis. Venæ cubitalis furca antica simplex.

Laxenecera, *Macq. Dipt. Exot.* i. 2, 77.

Laphria p.? *Wied.*

Fore fork of the cubital vein slightly undulating, hind fork united to the first externo-medial vein at a long distance from the border; second externo-medial vein straight; third forming an obtuse angle with the præbrachial, joining the fourth very far from the border. Subanal united to the anal near the border.

Africa.

A. Tibiæ anticæ fulvæ. - - - - andrenoides, *Macq.*
B. Tibiæ anticæ nigræ.
A. Thorax fulvo hirtus. - - - - apiformis, *Walk.*
B. Thorax albo hirtus. - - - - nigro-cuprea, *Walk.*

Africa.

1. LAXENECERA ANDRENOIDES.

Fœm. *Nigra, flavido hirta; tibiæ anticæ fulvæ; alæ subflavescentes.*

Laxenecera andrenoides, *Macq. Dipt. Exot. Suppl.* 1, 76, 3, pl. 8, f. 2.

Caffraria.

2. LAXENECERA APIFORMIS.

Nigra; thorax fulvo hirtus; abdomen obscure cupreum, fasciis albidis; alæ subcinereæ, apice obscuriores, venis basi et apud costam halteribusque fulvis.

Black. Head and legs thickly clothed with long whitish testaceous hairs, some of which form the mystax. Thorax with tawny tomentum and hairs. Abdomen dark cupreous; hind borders of the segments with whitish bands. Wings grayish, rather darker towards the tips; veins black, tawny at the base and along the costa. Halteres tawny. Length of the body 6 lines; of the wings 10 lines.

a. Port Natal. From Mr. Plant's collection.

3. Laxenecera nigro-cuprea.

Nigro-cuprea, albo pilosa; abdomen fasciis interruptis albo tomentosis; alæ subcinereæ; halteres fulvi.

Blackish cupreous. Head black, clothed with whitish hairs, and on the hinder part with some black hairs. Face with black hairs. Mystax with slender white bristles. Proboscis, antennæ and legs black. Thorax with whitish hairs; a few black bristles on each side. Hind borders of the abdominal segments with interrupted bands of white down. Legs with whitish hairs and with a few short black bristles; tarsi beneath with gilded tomentum. Wings slightly grayish; veins black, tawny at the base and along the costa. Halteres tawny. Length of the body 7 lines; of the wings 12 lines.

a. Port Natal. From Mr. Plant's collection.

East Indies.

4. Laxenecera albibarbis.

Nigra; barba alba; mystax maris *niger*, fœm. *albus; abdominis segmenta albo fasciata; tibiæ flavicantes; alæ flavescentes.*

Laxenecera albibarbis, *Macq. Dipt. Exot.* i. 2, 78, 2, pl. 7, f. 4.
Acurana sexfasciata? *Diptera Saundersiana*, Pt. 2, 107.

Bengal.

a. East Indies. From Mr. Saunders' collection.

5. Laxenecera flavibarbis.

Nigra; barba flava; mystax maris *niger*, fœm. *flavus; abdominis segmenta flavo fasciata; tibiæ fuscæ, albido hirtæ; alæ hyalinæ, basi flavescentes.*

Laxenecera flavibarbis, *Macq. Dipt. Exot.* i. 2, 77, 1.
Laphria hirticornis? *Guér. Icon. Règne Anim. Ins.* pl. 94, f. 1. *Texte*, iii. 536.

Bengal.

Laphria Bengalensis, *Wied.* may belong to this genus.

Genus 14. TAPINOCERA.

Caput mystace conspicuo. Proboscis porrecta. Antennæ triarticulatæ, non stylatæ, insertione infima; articulus 3us obtusus. Oviductus brevis, venæ cubitalis furca antica simplex.

Tapinocera, *Macq. Dipt. Exot.* i. 2, 78.
Laphria, p., *Wied.*

1. TAPINOCERA BREVICORNIS.

Mas. *Nigra, albo picta; pedes nigro-fusci, tibiis flavescentibus; alæ limpidissimæ.*

Laphria brevicornis, *Wied. Auss. Zweifl.* ii. *Suppl.* 646, 67.
Tapinocera brevicornis, *Macq. Dipt. Exot.* i. 2, 79, pl. 6, f. 5.
New Holland.

Genus 15. PHONEUS.

Caput mystace conspicuo. Proboscis porrecta. Antennæ triarticulatæ, non stylatæ; articulus 3us obtusus. Oviductus elongatus. Alarum venæ cubitalis furca antica ramulum rejiciens.

Phoneus, *Serv. Macq. Dipt. Exot.* i. 2, 79.

Fore fork of the cubital vein slightly curved, angular and emitting a branch near its base; hind fork and first externo-medial vein converging towards each other at some little distance apart on the border; second externo-medial nearly straight; third forming a slightly obtuse angle with the præbrachial, joining the fourth at a long distance from the border. Subanal joining the anal near the border.

1. PHONEUS SERVILLEI.

Facies alba; mystax niger; thorax fusco trifasciatus; abdomen testaceum; pedes nigri; alæ flavicantes, venis fusco limbatis.

Phoneus Servillei, *Macq. Dipt. Exot.* i. 2, 79, 1, pl. 7, f. 5.
Brazil.

Sub-family 4. ASILITES.

Ocelli tres. Antennæ 3-articulatæ; arista elongata. Alarum vena radialis subcostali ad apicem sæpissime connexa.

Asilitæ, *Macq.*

A. Corpus depressum, latissimum. Abdomen ciliatum. 1. Craspedia.

B. Corpus non depressum, nec latum, nec ciliatum.
A. Alarum vena radialis furcata; cubitalis simplex.
a. Antennarum articulus 3us elongatus. 2. Mallophora.

B. Antennarum articulus 3us brevis. - - 3. Trupanea.
B. Alarum vena cubitalis furcata; radialis simplex.
C. Alarum vena radialis subcostali ad apicem connexa.
a. Facies valde prominens. - - - - 4. Erax.
b. Facies plana aut paullo prominens.
i. Oviductus corona spinularum armatus.
*. Facies plana. - - - - 5. Apoclea.
** Facies paullo prominens. - - 6. Proctacanthus.
ii. Oviductus spinulis nullis.
* Facies paullo prominens.
† Antennarum arista mediocris.
‡ Arista simplex.
§ Sexualia exserta.
‖ Arista gracilis. - - - 7. Asilus.
‖‖ Arista crassa. - - 8. Polyphonius.
§§ Sexualia occulta. - - 9. Atractia.
‡‡ Arista subtus ciliata. - - 10. Ommatius.
†† Antennarum arista longissima, apice spatulata. 11. Lecania.
** Facies plana. - - - 12. Senoprosopus
B. Alarum vena radialis costali ad apicem connexa.
a. Onychia distincta.
i. Corpus breve. - - - - 13. Damalis.
ii. Corpus attenuatum. - - - - 14. Pheneus.
b. Onychia nulla. - - - - - 15. Leptogaster.

Genus 1. CRASPEDIA.

Corpus latissimum. Facies valde convexa. Mystax dense setosus. Proboscis longa, recta, lanceolata. Antennarum articulus 1us 2o duplo longior; 3us longilanceolatus, arista brevissima, 1o fere quadruplo longior. Abdominis latera fasciculis ciliata. Femora tibiæque subtus spinosa.

Craspedia, *Macq. Dipt. Exot.* i. 2, 83.
Asilus, p., *Wied.*
Blepharotes, *West.*

Radial vein joining the subcostal at a long distance from the tip of the latter. Fore fork of the cubital vein very slightly curved; hind fork much curved, forming, with the fore fork, a subfusiform areolet. First externo-medial vein curved; second straight; third forming a hardly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very far from the border.

1. CRASPEDIA CORIARIA.

Nigra; mystax albidus; abdomen rufum, nigro ciliatum; alæ fuscæ.

Asilus coriarius, *Wied.*

a—d. Melbourne, Australia. From Mr. Baly's collection.

2. CRASPEDIA AUDOUINII.

Nigra; mystax aureus; abdomen cæruleo-nigrum; alæ nigro-fuscæ, venis posticis flavo marginatis.

Craspedia Audouinii, *Macq.*

Australia.

Genus 2. MALLOPHORA.

Corpus non depressum, nec ciliatum. Antennarum articulus 3us lanceolatus, arista longissima. Alæ venis externo-mediis quinque.

Mallophora, *Serville. Macq. Hist. Nat. Dipt. Loew, Linn. Ent.* iii. 390, 1.
Asilus, p., *Wied.; Perty.*
Dasypogon, p., *Fabr.*

Mediastinal vein ending at much beyond half the length of the wing. Subcostal connected with the fore fork of the radial near the tip of the wing. Forks of the radial very long; hind fork curved forward, joining the costal at a little in front of the tip of the wing, very near the cubital, and connected with it by a transverse veinlet, from whence a spurious vein proceeds to the border. First externo-medial slightly curved and parallel to the cubital in its apical part, connected with the cubital before the middle of the discal areolet by a transverse veinlet, from whence proceeds a second spurious vein, while a third proceeds from the veinlet which connects the first and second externo-medial veins and terminates the discal areolet. Third externo-medial very slightly curved, forming a nearly right angle with the præbrachial, joining the fourth at a long distance from the border. Subanal connected with the anal at some distance from the border. The wing-veins of this genus indicate that its flight is more powerful than that of other *Asilites*, and accord with its robust structure. In *M. heteroptera* and in *M. singularis* the cubital and the first externo-medial veins are united near the border, and in the latter species the third externo-medial forms an obtuse angle with the præbrachial, and joins the fourth at a very long distance from the border.

In this genus, of which *Trupanea* is a subgenus or group, the veins of the wings differ much in structure from those of the other *Asilites* and of the *Dasypogonites* and *Laphrites*. The veins are equal in number to those of the other Asilidæ, but the radial vein is forked at more or less before half its length, and the cubital is simple.

North America.

A. Alæ nigro-fuscæ. - - - - - - ardens, *Macq.*
B. Alæ fuscæ.
A. Corpus pilis pallidis. - - - - - - analis, *Macq.*
B. Corpus pilis ex parte nigris. - - - - orcina, *Wied.*
C. Alæ flavescentes.
A. Tibiæ nigræ. - - - - - - bomboides, *Hoffm.*
B. Tibiæ fulvæ. - - - - - - heteroptera, *Macq.*
D. Alæ hyalinæ, extus obscuræ. - - - minuta, *Macq.*

1. MALLOPHORA ARDENS.

Mas. *Atra; thorax rubro hirsutus; abdomen basi flavum, apice nigrum; alæ nigro-fuscæ, violaceo nitentes.*

Mallophora ardens, *Macq. Hist. Nat. Dipt.* i. 302, 4; *Dipt. Exot.* i. 289, 12, pl. 8, f. 2.

United States.

2. MALLOPHORA ANALIS.

Nigra; alæ fuscæ. Mas.—*Rufo pilosus.* Fœm.—*Flavo pilosus.*

Mallophora analis, *Macq. Dipt. Exot. Suppl.* 1, 78, 20.

Texas.

3. MALLOPHORA ORCINA.

Fœm. *Nigra, nigro hirta; thorax apice, scutellum et abdomen basi sulphureo hirta; alæ cinereo-fuscæ.*

Asilus orcinus, *Wied. Auss. Zweifl.* i. 477, 79.

United States.

4. MALLOPHORA BOMBOIDES.

Atra; caput, pleuri, scutellum et abdomen basi apiceque alba, aut cinerea, aut flava.

Asilus bomboides, *Hoffm.; Wied.*

Georgia.

5. MALLOPHORA HETEROPTERA.

Fœm. *Atra; thorax et abdomen flavo hirsuta; tibiæ fulvæ; alæ flavescentes, ad costam subfuscæ, venis externo-mediis 1a et 2a ante alæ marginem conjunctis.*

Mallophora heteroptera, *Macq. Dipt. Exot.* i. 2, 90, 13, pl. 8, f. 3.

Philadelphia.

6. MALLOPHORA MINUTA.

Nigra; mystax albidus; thorax flavo pilosus, disco nigro; abdominis segmenta albo marginata; pedes flavo pilosi, tibiis basi flavis; alæ hyalinæ, extus obscuræ.

Mallophora minuta, *Macq. Hist. Nat. Dipt.* i. 302, 5.

Philadelphia.

West Indies.

7. MALLOPHORA SCOPIFERA.

Mas. *Nigra; scutellum flavum; abdomen flavo pilosum, ano nigro; pedes castanei, tarsis posticis nigro hirsutissimis; alæ rufescentes.*

Mallophora scopifera, *Macq. Dipt. Exot.* i. 2, 89, 10.

Cuba.

Asilus scopifer? *Wied. Auss. Zweifl.* i. 478, 83.

Ochracea; antennæ fulvæ, articulo 3o nigro; thorax vittis obsoletissimis nigris; abdomen nigrum, albo pilosum; pedes castaneo fusci, tibiis posticis basi albis; alæ flavescentes.

Brazil.

South America.

A. Abdomen non metallicum.
- *A.* Alæ nigro-fuscæ. - - - - Freycineti, *Macq.*
  - a. Corpus totum nigro hirtum.
    - *a.* Tibiæ tarsique anteriora nigra. - Xylocopides, *Walk.*
    - *b.* Tibiæ tarsique anteriora rufa. - - contraria, *Walk.*
  - b. Corpus ex parte ferrugineo hirtum.
    - *a.* Scutellum fulvo hirtum. - - infernalis, *Wied.*
    - *b.* Scutellum nigro hirtum. - - - - Minos, *Wied.*
- *B.* Alæ fuscæ, basi et ad costam nigræ. - - albifrons, *Walk.*

C. Alæ fuscæ.
A. Thorax niger.
a. Pedes toti nigro hirti.
i. Thorax totus nigro hirtus. - - Pluto, *Wied.*
ii. Thorax ex parte fulvo hirtus.
* Abdomen nigro hirtum. - Leschenaültii, *Macq.*
** Abdomen rufo hirtum. - rufiventris, *Macq.*
*** Abdomen apice rufo hirtum. - ruficauda, *Wied.*
b. Pedes ex parte flavo pilosi.
i. Thorax totus nigro hirtus.
* Abdomen totum nigro hirtum. - tibialis, *Macq.*
** Abdomen ex parte flavo hirtum.
i. Abdomen subtus apice flavo hirtum. ventralis, *Macq.*
ii. Abdomen fulvo hirtum. - - robusta, *Wied.*
ii. Thorax ex parte flavo hirtus.
* Abdomen basi apiceque flavum. - Sylveirii, *Macq.*
** Abdomen flavo trifasciatum. - - ciliata, *Walk.*
*** Abdomen flavum, apice nigrum. - opposita, *Walk.*
**** Abdomen totum nigrum. - cinerascens, *Walk.*
B. Thorax cinereus, fuscus aut castaneus.
a. Femora nigra. - - - - antiqua, *Walk.*
b. Femora ex parte nigra.
i. Abdomen nigrum. - - - - pusilla, *Macq.*
ii. Abdomen fuscum. - - - singularis, *Macq.*
b. Femora mellea. - - - - geniculata, *Macq.*
D. Alæ fulvæ aut flavescentes.
A. Thorax nigro pilosus. - - - - Lampon, *Walk.*
B. Thorax fulvo pilosus.
a. Abdomen concolor.
i. Tarsi nigri.
* Femora nigra. - - - nigrifemorata, *Macq.*
** Femora mellea. - - - nigritarsis, *Fabr.*
ii. Tarsi postice argentei. - - argentipes, *Macq.*
b. Abdomen ferrugineum. - - Amphinome, *Walk.*
E. Alæ fasciatæ. - - - - - - fasciata, *Walk.*
F. Alæ limpidæ. - - - - - - tricolor, *Walk.*
G. Alæ ———— ? - - - - - atra, *Macq.*
B. Abdomen metallicum.
A. Mystax fulvo hirtus. - - - - candens, *Walk.*
B. Mystax nigro hirtus. - - - - purpurea, *Walk.*

8. MALLOPHORA FREYCINETI.

Fœm. *Cæruleo-nigra; alæ nigro-fuscæ, cæruleo nitentes.*

Mallophora Freycineti, *Macq. Dipt. Exot.* i. 2, 85, 2; *Suppl.* 1, 77, 19.

Brazil.

9. MALLOPHORA XYLOCOPIDES.

Mallophora Xylocopides, *Diptera Saundersiana*, Pt. 2, 111.

Parà.

10. MALLOPHORA CONTRARIA.

Mallophora contraria, *Diptera Saundersiana*, Pt. 2, 113.

South America.

11. MALLOPHORA INFERNALIS.

Nigra; scutellum et abdominis latera fulvo hirta; alæ nigro-fuscæ, cæruleo nitentes.

Asilus infernalis, *Wied. Dipt. Exot.* i. 202, 35; *Auss. Zweifl.* i. 475, 76.

Brazil.

12. MALLOPHORA MINOS.

Nigra; scutellum nigro hirtum; abdominis latera fulvo hirta; femora tibiæque postica ex parte flavo hirta; alæ nigro-fuscæ, cæruleo nitentes.

Asilus Minos, *Wied. Auss. Zweifl.* i. 478, 82.

Brazil?

13. MALLOPHORA ALBIFRONS.

Nigra, nigro hirta; caput albo pilosum; alæ fuscæ, cyaneo nitentes, basi et ad costam nigræ.

Mallophora albifrons, *Walk. Zool.* viii. *Append.* xcviii.

South America.

14. MALLOPHORA PLUTO.

Fœm. *Nigro, nigro hirta; abdomen fulvo hirtum, basi nigrum; alæ fuscescentes, violaceo nitentes.*

Asilus Pluto, *Wied.*

Brazil.

15. MALLOPHORA LESCHENAULTII.

Mas. *Atra ; scutellum fulvum ; alæ fuscæ.*

Mallophora Leschenaultii, *Macq. Dipt. Exot* i. 2, 86, 3.

Lamana, Brazil.

16. MALLOPHORA RUFIVENTRIS.

Fœm. *Atra ; caput, scutellum et abdomen rufo hirta ; alæ fuscæ.*

Mallophora rufiventris, *Macq. Dipt. Exot.* i. 2, 91, 16.

South America.

17. MALLOPHORA RUFICAUDA.

Nigra, nigro hirta ; caput, thorax et scutellum sulphureo hirta ; abdomen apice fulvo hirtum ; alæ cinereo-fuscæ, cyaneo nitentes. Mas. — *Pedes postici castaneo fusci, tibiis albo hirtis.*

Asilus ruficauda, *Wied. Auss. Zweifl.* i. 476, 78.

Monte Video.

18. MALLOPHORA TIBIALIS.

Nigra ; tibiæ posticæ testaceæ, basi apiceque nigræ ; alæ fuscæ.

Mallophora tibialis, *Macq. Dipt. Exot. Suppl.* 1, 77, 17, pl. 8, f. 3.

Guiana.

19. MALLOPHORA VENTRALIS.

Atra ; venter apice flava ; femora tibiæque postica externe flava ; alæ fuscæ.

Mallophora ventralis, *Macq. Dipt. Exot.* i. 2, 91, 15.

South America ?

20. MALLOPHORA ROBUSTA.

Nigra, nigro hirta ; mystax aureus ; abdomen fulvo hirtum basi utrinque flavo hirtum ; pedes obscure castaneo fusci, tibiis posticis dimidio apicali albo hirtis, anticis intus auratis ; alæ fuscescentes, violaceo nitentes.

Asilus robustus, *Wied. Auss. Zweifl.* i. 478, 81. *Macq. Dipt. Exot. Suppl.* 1, 78.

South America.

21. MALLOPHORA SYLVEIRII.

Fœm. *Atra; caput, scutellum et abdomen basi apiceque flava; tibiæ posticæ fuscæ aut testaceæ, albo vel flavo pilosæ; alæ fuscæ.*

Mallophora Sylveirii, *Macq. Dipt. Exot.* i. 2, 86, 5.

Brazil.

22. MALLOPHORA OPPOSITA.

Mallophora opposita, *Diptera Saundersiana*, Pt. 2, 112.

Brazil.

23. MALLOPHORA CILIATA.

Mallophora ciliata, *Diptera Saundersiana*, Pt. 2, 114.

South America?

24. MALLOPHORA CINERASCENS.

Fœm. *Nigra, cinereo tomentosa, subtus flavo pilosa; mystax setis fulvis nigrisque; pedes lutei, femoribus supra nigro vittatis, tibiis apice tarsisque nigris; alæ fuscescentes, ad costam obscuriores.*

Black, with cinereous tomentum; under side with yellowish hairs. Face tawny towards the epistoma. Mystax with pale tawny and with black bristles. Beard with black bristles. Abdomen on each side at the base with a tuft of yellow hairs, with which there are a few black hairs. Legs luteous, thinly clothed with short pale yellow hairs; femora above with black stripes; tarsi and tips of the tibiæ black. Wings brownish, darker along the costa. Length of the body 9 lines; of the wings 16 lines.

a. Parà. From Mr. Bates' collection.

25. MALLOPHORA ANTIQUA.

Fœm. *Nigra, cinereo tomentosa; caput albo pilosum; mystax albidus; thorax vittis tribus nigricantibus; abdomen stylo lævi nitido; tibiæ luteæ, apice nigræ; alæ subfuscescentes.*

Black, with cinereous tomentum. Head testaceous in front, white, and with white hairs behind and beneath. Mystax with whitish bristles. Thorax with three blackish stripes; lateral pair interrupted; sides and scutellum with black bristles. Abdomen about twice the length of the thorax, extending beyond the wings;

apical third part stylate, shining, transversely ribbed. Legs deep black; tibiæ luteous, with black tips; onychia ferruginous. Wings slightly brownish. Halteres ferruginous. Length of the body 11 lines; of the wings 14 lines.

a. Vera Cruz. From M. Sallé's collection.

26. MALLOPHORA PUSILLA.

Fœm. *Thorax castaneus; abdomen nigrum, flavido hirsutum; pedes testacei, femoribus supra nigris; alis fuscæ, venis externo-mediis 1a et 2a ante marginem conjunctis.*

Mallophora pusilla, *Macq. Dipt. Exot.* i. 2, 88, 9.

Brazil.

27. MALLOPHORA SINGULARIS.

Mas. *Fusca, flavo pilosa; pedes testacei, femoribus supra nigro fasciatis; alæ fuscæ, venis externo-mediis 1a et 2a ante marginem conjunctis.*

Mallophora singularis, *Macq. Dipt. Exot.* i. 2, 87, 6, pl. 8, f. 4.

Guaratuba.

28. MALLOPHORA GENICULATA.

Mas. *Fusca, fulvo pilosa; abdomen apice nigrum; pedes mellei, tibiis basi externe flavidis; alæ fuscæ, violaceo nitentes.*

Mallophora geniculata, *Macq. Dipt. Exot.* i. 2, 87, 7.

a, *b*. Brazil. From Mr. Bates' collection.

29. MALLOPHORA LAMPON.

Asilus Lampon, *Cat. of Diptera*, Pt. 2, 388.

Brazil.

30. MALLOPHORA NIGRIFEMORATA.

Fœm. *Fusca, fulvido pilosa; thoracis fascia nigro pilosa; abdomen maculis dorsalibus nigris; femora tarsique nigra; tibiæ melleæ; alæ pallide fusco-flavescentes.*

Mallophora nigrifemorata, *Macq. Dipt. Exot.* i. 2, 90, 14.

Brazil?

31. MALLOPHORA NIGRITARSIS.

Fusca, fulvido pilosa; pedes mellei, tarsis posticis dilatatis nigris; alis flavescentes.

Dasypogon nigritarsis, *Fabr.*

This species and *M. cinerascens* differ from the typical form in the abdomen and the legs, which are but slightly hairy, and the latter are not ciliated. The spurious veins of the wings are indistinct.

32. MALLOPHORA FASCIATA.

Atra; barba flava; abdominis segmenta flavo limbata; tibiæ posticæ basi flavæ; alæ fuscæ, fascia lata hyalina.

Mallophora tibialis, *Macq. Dipt. Exot.* i. 2, 85, 1.

Mallophora fasciata, *Diptera Saundersiana*, Pt. 2, 112.

a. Santarem. From Mr. Bates' collection.
b. Parà. From Mr. Bates' collection.

Brazil. Guiana. Cayenne.

33. MALLOPHORA TRICOLOR.

Nigra, nigro hirta; caput albo pilosum; antennæ rufæ, basi nigræ; thorax rufo trivittatus; abdomen medio fulvum, apice rufum; tibiæ tarsique postice flava; alæ limpidæ.

Mallophora tricolor, *Walk. Zool.* viii. *Append.* xcviii.
Mallophora Amphinome, *Var.?*

a, b. Parà. From Mr. Bates' collection.
c, d. Tapayos, Brazil. From Mr. Bates' collection.

34. MALLOPHORA ATRA.

Nigra; mystacis fasciculus barbaque alba; occipitis pili flavescentes; femora apice et tibiæ dimidio basali subtus alba.

Mallophora atra, *Macq. Hist. Nat. Dipt.* i. 302, 3.

Brazil.

35. MALLOPHORA CANDENS.

Trupanea candens, *Insecta Saundersiana*, Pt. 2, 117.

South America.
a. Parà. From Mr. Bates's collection.

In one wing of this specimen the fourth externo-medial vein forms a single much-curved vein with the fifth, which does not extend to the border.

36. MALLOPHORA PURPUREA.

Atra, nigro hirta; antennæ rufo cinctæ; scutellum, thoracisque latera picea; abdomen purpureum, segmentorum marginibus posticis fulvis; pedes picei, tarsis fulvis; alæ fuscæ.

Trupanea purpurea, *Walk. Zool.* viii. *Append.* xcviii.

a. Parà. From Mr. Bates' collection.
b, c. Santarem. From Mr. Bates' collection.

In this and the preceding species the abdomen is pubescent, not hairy. The fore fork of the radial vein is slightly undulating, connected with the subcostal very near the tip of the latter and near the tip of the wing. Third externo-medial vein curved outward. Subanal joining the anal near the border.

Genus 3. TRUPANEA.

Corpus non depressum, nec ciliatum; antennæ articulo 3o brevi, stylo sat crasso; alæ areolis tribus submarginalibus.

Trupanea, *Macq. Dipt. Exot.* i. 2, 91.
Asilus p., *Fabr.*; *Wied.*

Loew rejects the name *Trupanea* for this genus, and divides it into three genera, which are here mentioned as groups.

Group 1. PROMACHUS.

Corpus crassum, plus minusve hirtum. Antennæ remotæ; articulus 3us brevis aut mediocriter elongatus. Abdomen obconicum, mediæ longitudinis. Pedes sat validi, non incrassati; tarsorum articulus 1us 2o æqualis aut paullo longior. *Mas.*—Abdomen alas non superans. Sexualia mediæ magnitudinis, valde extantia. *Fœm.*—Sexualia elongata, stylata.

Promachus, *Loew, Linn. Ent.* iii. 390, 2; 403.

Wing-veins like those of *Mallophora*. *Male.*—Sexualia larger and more prominent than those of *Mallophora*. *Fem.*—Sexualia more divergent than those of *Mallophora*.

Trupanea maculata *Fabr.*; T. picta *Meig.*; T. leonina *Loew*; T. trichonotus *Wied.*; T. fasciata *Fabr.*

Group 2. PHILODICUS.

Corpus nudiusculum. Antennæ approximatæ; articulus 3us

elongatus. Pedes spinosi, sat graciles; tarsorum articulus 1us 2o duplo longior. *Mas.*—Sexualia mediocriter crassa. *Fœm.*—Sexualia obconica, circulo spinarum terminata.

Philodicus, *Loew*, *Linn. Ent.* iii. 391, 3; 403.

Legs more slender and more spinose than those of *Promachus*.

Trupanea javana, *Wied.*

Group 3. Alcimus.

Corpus nudum. Antennæ approximatæ; articulus 3us longiusculus, sat tenuis. Abdomen tenue, elongatum. Pedes graciles; tarsorum articulus 1us 2o 3oque conjunctim plerumque longior. *Mas.*—Sexualia parva, recta. *Fœm.*—Sexualia attenuata, cylindrica, circulo spinarum terminata.

Alcimus, *Loew*, *Linn. Ent.* iii. 391, 4, 403.

Trupanea longipes, *Macq.*, and most South African species.

Europe.

1. Trupanea leonina.

Mas. et Fœm. *Nigra, densissime flavo pilosa; tibiæ luteæ; alæ fuscescentes.*

Promachus leoninus, *Loew*, *Linn. Ent.* iii. 404, 1.

Asia Minor and the Isles of Greece.

Europe?

2. Trupanea maculata.

Fulvo-cinerea; thorax vittis obsoletis fuscis; abdomen ferrugineum, maculis dorsalibus atris; pedes fusci, tibiis luteis; alæ limpidæ; halteres fusci.

Asilus maculatus, *Fabr. Syst. Ent.* 794, 17, 21; *Sp. Ins.* ii. 464, 21; *Ent. Syst.* iv. 383, 33. *Gmel. ed. Syst. Nat.* i. 5, 2898, 29. *Wied. Zool. Mag.* i. 2, 28; *Dipt. Exot.* i. 202, 36; *Auss. Zweifl.* i. 483, 89. *Meig. Zweifl.* ii. 307, 1.

Dasypogon maculatus, *Fabr. Syst. Antl.* 169, 24.
Trupanea maculata, *Macq. Dipt. Exot.* i. 2, 99, 17.
Promachus maculatus, *Loew*, *Linn. Ent.* iii. 406.

Caucasus. East Indies. Cochin China.

3. Trupanea picta.

Testaceo-nigroque varia ; mystax sulphureus ; antennæ apice clavatæ ; pedes nigri, tibiis anterioribus testaceis ; alæ fuscescentes ; halteres fusci.

Asilus pictus, *Meig. Zweifl.* ii. 307, 2, pl. 21, f. 6, 8.

Hungary?

North America.

A. Femora nigra ; tibiæ rubidæ.
  A. Thorax glauco-cinerascens. - - - vertebrata, *Say.*
  B. Thorax niger, flavo hirtus.
    a. Alæ apud margine posticum fuscescentes. laphroides, *Wied.*
    b. Alæ obscure fuscæ. - - - - perpusilla, *Walk.*
B. Femora nigro vittata. - - - - Lævinus, *Walk.*
C. Pedes castaneo fusci. - - - - quadrata, *Wied.*
D. Pedes rufi. - - - - - - rubiginis *Walk.*
E. Pedes testacei. - - - - - Bastardii, *Macq.*

Group 1.

Corpus hirtum, setosum. Facies apud epistoma valde convexa. Mystax densissime pilosus. Proboscis valida, lanceolata. Antennarum articulus 1us 2o plus duplo longior ; 3us 1o non longior ; arista 3o duplo longior. Pedes validi, pilosi, spinosi. *Mas.*—Abdomen oblanceolatum, apice fasciculatum. *Fœm.*—Abdomen bis triente basali longi-obconicum, triente apicali valde compressum, spiniforme.

Mediastinal vein ending at a little beyond half the length of the wing. Forks of the radial vein very long ; fore fork hardly undulating, connected with the subcostal very near the tip of the latter and near the tip of the wing ; hind fork slightly curved forward, joining the costal at very little in front of the tip of the wing very near the cubital, and connected with it by a transverse veinlet. First externo-medial hardly curved, but nearly parallel to the cubital, with which it is connected by a transverse veinlet at one-third of the length of the discal areolet ; second almost straight ; third slightly curved, forming a very-slightly obtuse angle with the præbrachial, joining the fourth far from the border of the wing. Subanal joining the anal at some distance from the border. The shorter third joint of the antennæ seems to be the only character which distinguishes this genus from *Mallophora*.

4. TRUPANEA VERTEBRATA.

Glauco-cinerascens; abdomen maculis transversis nigellis; tibiæ rubidæ.

Asilus vertebratus, *Say, Journ. Acad. Philad.* 47, 1. *Wied. Auss. Zweifl.* i. 485, 91.

Trupanea vertebrata, *Macq. Dipt. Exot.* i. 2, 103, 27.

United States.

5. TRUPANEA LAPHROIDES.

Nigra; caput albo pilosum; thorax flavido hirtus; abdominis nicisuræ flavescentes; tibiæ fulvæ; alæ apud marginem posticum fuscescentes.

Asilus laphroides, *Wied. Auss. Zweifl.* i. 483, 88.

Kentucky.

6. TRUPANEA PERPUSILLA.

Trupanea perpusilla, *Insecta Saundersiana*, Pt. 2, 123.

United States.

7. TRUPANEA LÆVINUS.

Asilus Lævinus, *Cat. of Diptera*, Pt. 2, 392.

United States.

8. TRUPANEA QUADRATA.

Mas. *Rufo-fusca; thorax vittis tribus fuscis; abdomen nigrum, fuscano limbatum, incisuris albis; pedes castaneo fusci; alæ subflavescentes.*

Asilus quadratus, *Wied. Dipt. Exot.* i. 201, 34; *Auss. Zweifl.* i. 485, 90.

Georgia.

9. TRUPANEA RUBIGINIS.

Trupanea rubiginis, *Insecta Saundersiana*, Pt. 2, 123.

North America.

10. TRUPANEA BASTARDII.

Mas. *Nigra; abdominis incisuræ albæ, medio interruptæ; pedes testacei; alæ flavidæ.*

Trupanea Bastardii, *Macq. Dipt. Exot.* i. 2, 104, 30.

North America.

South America.

A. Thorax niger aut cinereus.
  A. Abdomen non metallicolor.
    A Alæ fuscæ.
      a. Abdomen cingulis albis. - - fuscipennis, *Macq.*
      b. Abdomen basi albo fasciatum. - annularis, *Fabr.*
    B. Alæ hyalinæ.
      a. Pedes toti nigri. - - - - nigripes, *Macq.*
      b. Pedes ex parte pallidi.
        i. Abdomen incisuris albidis. - - gracilis, *Macq.*
        ii. Abdomen lateribus testaceis. - spissibarbis, *Macq.*
  B. Abdomen chalybeum. - - - - barbipes, *Wied.*
    C. Alæ flavescentes: - - - - pyrrhomystax, *Wied.*
B. Thorax fuscus. - - - - - - calida, *Fabr.*
C. Thorax fuscus, vittis fulvis.
  A. Femora nigra. - - - - - - rufipes, *Fabr.*
  B. Femora fulva. - - - - - captans, *Walk.*
D. Thorax fulvus aut cervinus vittis nigris.
  A. Thorax cristatus. - - - - trichonotus, *Wied.*
  B. Thorax non cristatus.
    A. Alæ fuscanæ.
      a. Abdomen fasciis fulvis aut testaceis. - flavifasciata, *Macq.*
      b. Abdomen fasciis albis. - - breviuscula, *Walk.*
    B. Alæ fuscæ, apice cinereæ.
      a. Thorax nigro brivittatus. - - - mitescens, *Walk.*
      b. Thorax nigro quadrivittatus. - substituta, *Walk.*
    C. Alæ flavidæ.
      a. Pedes castanei. - - - quatuor lineata, *Macq.*
      b. Pedes nigri.
        i. Abdominis latera maculata. - - nigripes, *Fabr.*
        ii. Abdominis latera non maculata. - Heydenii, *Wied.*
E. Thorax flavidus, fusco vittatus. - - - - connexa, *Wied.*
F. Thorax fulvus. - - - - - - perfecta, *Walk.*

Group 1.

Corpus pilosum, non setosum. Facies apud epistoma convexa. Mystax dense pilosus. Proboscis valida, lanceolata. Antennarum articulus 1us 2o duplo longior; 3us 1o non longior; arista 1o plus duplo longior. Pedes validi, spinosi, parce pilosi. *Mas.*—Abdomen oblanceolatum, apice non fasciculatum. *Fœm.*—Abdomen longi-obconicum, triente aut plus triente apicali valde compressum, spiniforme.

Fore fork of the radial vein hardly undulating, joining the sub-

costal at a short distance from the tip of the latter; hind fork curved forward; cubital vein almost straight, connected with the radial by a veinlet much beyond the end of the discal areolet, and with the fore branch of the præbrachial by a veinlet at much before half the length of the discal areolet. First externo-medial vein parallel to the cubital; third forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal far from the border.

Trupanea annularis, *Fabr.*; T. flavifasciata, *Macq.*; T. breviuscula, *Walk.*

11. TRUPANEA FUSCIPENNIS.

Mas. *Nigra; mystax supra niger, subtus fulvus; thorax lineis et abdomen incisuris albis; alæ fuscæ.*

Trupanea fuscipennis, *Macq. Dipt. Exot. Suppl.* 1, 81, 44, pl. 8, f. 4.

New Grenada. Warm Region.

12. TRUPANEA ANNULARIS.

Nigra, nigro hirta; caput subtus albido hirtum; abdomen basi albo fasciatum; tibiæ flavæ, basi apiceque nigræ; alæ fuscæ.

Dasypogon annularis, *Fabr.*

13. TRUPANEA NIGRIPES.

Fœm. *Atra; thorax lineis, abdomen incisuris lateribusque cinereis; alæ violaceo hyalinæ.*

Trupanea nigripes, *Macq. Dipt. Exot.* i. 2, 101, 23.

Brazil.

14. TRUPANEA GRACILIS.

Mas. *Cinerea, gracilis; abdomen fuscum, incisuris albidis; pedes nigri, femoribus subtus tibiisque apice testaceis, tarsis fusco-fulvis; alæ hyalinæ, apice cinereæ.*

Trupanea gracilis, *Macq. Dipt. Exot.* i. 2, 102, 25.

Brazil.

15. TRUPANEA SPISSIBARBIS.

Mas. *Mystax flavus; thorax cinereo tomentosus vittis fuscis; abdominis latera testacea; femora postica supra testacea; alæ subhyalinæ.*

Trupanea spissibarbis, *Macq. Dipt. Exot. Suppl.* 1, 80, 43.

Chili.

16. TRUPANEA BARBIPES.

Nigra; thorax vittis fuscescentibus; abdomen chalybeum, fulvo hirtum; tibiæ posticæ fulvo barbatæ; pedes castaneo fuscescentes; alæ subviolaceæ.

Laphria barbipes, *Wied. Zool. Mag.* iii. 48, 11; *Dipt. Exot.* i. 239, 13.

Asilus barbipes, *Wied. Auss. Zweifl*, i. 480, 86.

Brazil.

17. TRUPANEA? PYRRHOMYSTAX.

Nigra; thorax cinerascens, nigro vittatus; abdomen utringue maculis transversis segmentoque apicali albis, forcipe rubro; alæ flavescentes, apice cinereæ.

Asilus pyrrhomystax, *Wied. Auss. Zweifl.* i. 497, 111.

Var? Asilus melaleucus, *Wied. Auss. Zweifl.* i. 498, 112.

Brazil.

18. TRUPANEA CALIDA.

Fusca; antennæ nigræ; thorax flavido hirtus; abdomen nigrum incisuris flavidis; pedes castaneo fusci, tibiis fulvis; alæ flavescentes.

Asilus calidus, *Fabr. Ent. Syst.* iv. 380, 17. *Wied. Dipt. Exot.* i. 210, 48; *Auss. Zweifl.* i. 482, 87.

Laphria calida, *Fabr. Syst. Antl.* 159, 12.

Brazil. Cayenne.

19. TRUPANEA RUFIPES.

Fusca; antennæ nigræ; thorax vittis fulvis aut ferrugineis; abdomen flavidum, vittis abbreviatis nigris; pedes nigri, femoribus fulvis; alæ flavidæ.

Asilus rufipes, *Fabr. Syst. Ent.* 794, 16; *Ent. Syst.* iv. 383, 32. *Wied. Dipt. Exot.* i. 203, 38; *Auss. Zweifl.* i. 487, 93.

Dasypogon rufipes, *Fabr. Syst. Antl.* 169, 23.

South? America.

20. TRUPANEA CAPTANS.

Trupanea captans, *Insecta Saundersiana*, Pt. 2, 117.

South America.

21. TRUPANEA TRICHONOTUS.

Nigra; mystax albo flavescens; thorax cervinus, cristatus, vittis nigris; abdomen fasciis duabus pilosis albis; tibiæ melleæ; alæ flavo-fuscæ, apice subcinereæ.

Asilus trichonotus, *Wied. Auss. Zweifl.* i. 490, 97.
Promachus trichonotus, *Loew, Linn. Ent.* iii. 407.
South America.

22. TRUPANEA FLAVIFASCIATA.

Nigra; palpi nigro pilosi; thorax rufus nigro vittatus; abdominis segmenta rufolimbata; alæ fuscanæ.

Trupanea flavifasciata, *Macq. Dipt. Exot.* i. 2, 102, 26, pl. 9, f. 1.

a—c. Parà. From Mr. Bates' collection.
d. South America. From Mr. Saunders' collection.

23. TRUPANEA BREVIUSCULA.

Fœm. *Nigra; caput subtus albo hirtum; facies testacea; thorax fulvo quinquevittatus; pectus testaceum, nigro varium; abdomen albo bifasciatum; alæ fuscæ.*

Black. Head with testaceous tomentum, white behind, clothed with white hairs beneath. Mystax with black and whitish bristles. Thorax with five tawny stripes. Pectus partly covered with pale testaceous tomentum. Abdomen with a tuft of black and whitish bristles on each side at the base; second and third segments with bands of white hairs on their hind borders, and, like the fourth, with a spot of white tomentum on each side. Wings brown. Halteres testaceous. Length of the body 6 lines; of the wings 10 lines.

This species much resembles the female of *T. flavifasciata*, but the attenuated part of the abdomen is shorter, and the abdominal hairs are of a different colour.

a. Tapayos, Amazon Region. From Mr. Bates' collection.

24. TRUPANEA MITESCENS.

Trupanea mitescens, *Insecta Saundersiana*, Pt. 2, 118.
South America.

25. TRUPANEA SUBSTITUTA.

Trupanea substituta, *Insecta Saundersiana*, Pt. 2, 119.
South America.

26. TRUPANEA QUATUORLINEATA.

Cinereo-rubida ; thoracis vitta intermedia lineis quatuor fuscanis ; abdomen nigrum, incisuris albidis ; pedes castanei ; alæ flavidæ.

Trupanea quatuorlineata, *Macq. Dipt. Exot.* i. 2, 102, 24.

Brazil.

27. TRUPANEA NIGRIPES.

Fulva ; thorax nigro vittatus ; abdomen nigrum, maculis lateralibus trigonis, fasciisque albido aut fulvo pilosis ; pedes nigri ; alæ flavescentes, apice margineque postico cinereis.

Asilus nigripes, *Fabr. Ent. Syst.* iv. 385, 39 ; *Syst. Antl.* 171, 34. *Wied. Dipt. Exot.* i. 209, 47 ; *Auss. Zweifl.* i. 480, 85.

Brazil.

28. TRUPANEA HEYDENII.

Fœm. *Nigra ; thorax cervinus, nigro vittatus ; abdomen fasciis basi tribus albo pilosis ; alæ flavescentes, areolarum apicalium discis cinereis.*

Asilus Heydenii, *Wied. Auss. Zweifl.* i. 490, 98.

Brazil.

29. TRUPANEA CONNEXA.

Flavida ; antennæ nigræ ; thorax fusco vittatus ; abdomen nigro tessellatum, apice omnino flavidum ; pedes nigri, genubus tibiisque fulvis ; alæ subflavescentes.

Asilus connexus, *Wied. Auss. Zweifl.* i. 497, 110.

Monte Video.

30. TRUPANEA PERFECTA.

Trupanea perfecta, *Diptera Saundersiana*, Pt. 2, 120.

South America.

Canary Isles.

31. TRUPANEA LATITARSATA.

Cinerea ; abdomen maculis nigris ; pedes testacei, femoribus supra nigris ; alæ subflavescentes. Mas.—*Tarsi postici late pilosi.*

Trupanea latitarsata, *Macq. Dipt. Exot.* i. 2, 93, 2.

Asilus latitarsatus, *Macq. Hist. des Iles Canaries, de Webb et Berthelot.*

32. TRUPANEA CONSANGUINEA.

Cinerea; facies barbaque albæ; mystax flavido-nigroque parum mixtus; abdominis segmenta singula macula magna nigro micante; pedes testacei, femoribus fascia longitrorsum nigra; alæ subflavescentes. Mas.—*Anus albus.*

Trupanea consanguinea, *Macq. Dipt. Exot.* i. 2, 94, 3.

Canary Isles.

Africa.

A. Pedes nigri; tibiæ nonnumquam pallidæ.
  A. Alæ subfuscæ. - - - - - - temeraria, *Walk.*
  B. Alæ fusco strigatæ.
    a. Abdomen ferrugineum, nigro-alboque maculatum. producta, *Walk.*
    b. Abdomen fuscum, fasciis canis. - - Alamanus, *Walk.*
  C. Alæ flavescentes.
    A. Mystax niger. - - - - - - fasciata, *Fabr.*
    B. Mystax flavus. - - - - - - caffra, *Macq.*
  D. Alæ rufescentes. - - - - - Robertii, *Macq.*
B. Pedes nigro varii.
  A. Abdomen fuscum aut canum. - - Turinus, *Walk.*
  B. Abdomen nigrum.
    A. Abdomen rufo marginatum.
      a. Abdomen rufo fasciatum.
        i. Thorax vittis nigris. - - Guineensis, *Wied.*
        ii. Thorax vittis fuscis. - - - Pœtinus, *Walk.*
      b. Abdomen rufo non fasciatum. - - limbata, *Macq.*
    B. Abdomen rufo non marginatum.
      a. Femora et tibiæ cinerea aut nigra, intus fulva.
        i. Abdomen cinereum, fusco marginatum.
          * Thorax maculis quatuor nigris. - fraterna, *Wied.*
          ** Thorax maculis duabus nigris. fraterculus, *Walk*
        ii. Abdomen nigrum albido marginatum. vagator, *Wied.*
      b. Pedes picei, tibiis ferrugineis. - Scilurus, *Walk.*
      c. Abdomen fulvum, maculis trigonis nigris. Ædithus, *Walk.*
C. Pedes toti pallidi.
  A. Antennæ totæ nigræ. - - - Senegalensis, *Macq.*
  B. Antennæ basi rufescentes. - - - Mimus, *Wied.*
  C. Antennæ cinctæ.
    a. Abdomen cinereum, maculis nigris. - fulvipes, *Macq.*
    b. Abdomen fulvum; *fœm.* maculis fuscis. Amatrus, *Walk.*
    c. Abdomen nigrum, fasciis ferrugineis. - Dorso, *Walk.*

Group 1.

Corpus hirtum, parce setosum. Facies plana, Mystax dense setosus. Antennarum articulus 1us 2o duplo longior; 3us 1o non longior; arista 3o duplo longior. Abdomen oblanceolatum, thorace fere duplo aut plus duplo longius, apice non compressum. Pedes robusti, pilosi, spinosi.

Radial vein forked at much before half its length; fore fork hardly undulating, connected with the subcostal close to the tip of the latter, but at some distance from the tip of the wing; hind fork forming an extremely obtuse angle, whence it inclines to the fore fork, and joins the tip of the costal vein. Cubital and first externo-medial slightly inclined towards each other. Third externo-medial forming a hardly obtuse angle with the præbrachial, joining the fourth at a long distance from the border. Subanal joining the anal at some distance from the border.

Trupanea fasciata, *Fabr.*; T. Guineensis, *Wied.*; T. Pœtinus, *Walk.*; T. limbata, *Macq.*; T. Scilurus, *Walk.*; T. Æthus, *Walk.*; T. fulvipes, *Macq.*; T. Dorso, *Walk.*

Group 2.

Corpus hirtum, parce setosum. Facies plana. Mystax sat dense setosus. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus; 1o longior; arista 3o longior. Abdomen oblanceolatum, thorace fere duplo aut plus duplo longius. Pedes robusti, spinosi, vix pilosi. *Mas.*—Abdomen alas non superans. *Fœm.*—Abdomen alas multo superans, apice nitens subcompressum.

Radial vein forked at a little beyond one-third of its length; forks slightly curved, parallel to each other; fore fork joining the subcostal very near the tip of the latter. Cubital and first externo-medial very slightly curved, almost parallel to each other; cubital joined to the radial by a veinlet at a little before the end of the discal areolet, and with the fore branch of the præbrachial by a veinlet at much before the middle of the discal areolet. Third externo-medial forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Trupanea fraterna, *Wied.*; T. fraterculus, *Walk.*

Group 3.

Corpus valde elongatum, parce setosum, vix hirtum. Facies apud epistoma subconvexa. Mystax sat dense setosus. Antennarum articulus 1us 2o duplo longior; 3us 1o longior; arista 3o brevior. Pedes sat graciles, spinosi; tarsi longi. *Fœm.*—Abdomen thorace fere triplo longius, apicem versus subcylindricum, non compressum.

Radial vein forked at before half its length; fore fork very slightly curved, joining the subcostal close to the tip of the latter; hind fork almost straight. Cubital curved towards the first externo-medial, connected with it by a veinlet at much before half the length of the discal areolet, and with the radial by a veinlet at much before the end of the discal areolet. First externo-medial almost straight; second hardly curved; third curved, forming an obtuse angle with the præbrachial, which is also curved, joining the fourth far from the border. Subanal joining the anal close to the border.

Var. β. Radial vein forked at very little before half its length; fore fork hardly undulating, joining the subcostal close to the tip of the latter; hind fork slightly curved towards the tip. Cubital curved towards the first externo-medial, connected with it by a veinlet at much before half the length of the discal areolet, and with the radial by a veinlet at much before the end of the discal areolet. First externo-medial very slightly curved; second hardly undulating; third curved, forming an obtuse angle with the præbrachial, which is also curved, joining the fourth far from the border. Subanal joining the anal on the border.

The veinlet between the cubital and the radial is much nearer to the base of the fork of the latter than it is in var. α., and the veinlet between the cubital and the discal areolet is more remote from the base of the latter.

Trupanea Alamanus, *Walk.*

Group 4.

Corpus gracile, longiusculum, parce setosum, vix hirtum. Vertex depressum. Facies parum convexa. Mystax setis nonnullis. Abdomen oblanceolatum, alas paullo superans. Pedes validi, parce spinosi, non pilosi. *Mas.*—Sexualia parva. *Fœm.*—Abdomen apice acuminatum, non compressum nec stylatum.

Radial vein forked at hardly beyond one-third of its length; fore fork abruptly curved forward near its tip, and joining the subcostal vein close to the tip of the latter; hind fork moderately

curved forward near its tip. Cubital and first externo-medial hardly curved, almost parallel to each other; cubital joined to the radial by a veinlet at four-fifths of the length of the discal areolet and very far from the fork of the radial, joined to the discal areolet by a veinlet at one-third of the length of the latter. Second externo-medial nearly straight; third curved, forming an obtuse angle with the præbrachial, which is very slightly curved, joining the fourth very far from the border. Subanal joining the anal close to the border.

Trupanea Turinus, *Walk.*

33. TRUPANEA TEMERARIA.

Trupanea temeraria, *Diptera Saundersiana*, Pt. 2, 121.

Senegal?

34. TRUPANEA PRODUCTA.

Trupanea producta, *Diptera Saundersiana*, Pt. 2, 124.

Cape.

35. TRUPANEA ALAMANUS.

Trupanea perlonga, *Diptera Saundersiana*, Pt. 2, 125.

a. South Africa. From Mr. Argent's collection.
b. Port Natal. From Mr. Stevens' collection.

Var. β. Asilus Alamanus, *Cat. of Diptera* Pt. 2, 428.

36. TRUPANEA FASCIATA.

Nigra; abdomen basi fasciis duabus pilosis albis; alæ flavescentes.

Asilus fasciatus, *Fabr.*

Sierra Leone.

37. TRUPANEA CAFFRA.

Mas. *Nigra; mystax flavus; abdomen basi albo pilosum; alæ flavidæ, costa subfusca.*

Trupanea caffra, *Macq. Dipt. Exot. Suppl.* 1, 79, 40.

South Africa.

38. TRUPANEA ROBERTII.

Fœm. *Nigra; caput album; abdominis segmenta tria antica flavido pilosa; tibiæ externe castaneæ; alæ rufescentes.*

Trupanea Robertii, *Macq. Dipt. Exot.* i. 2, 95, 6.

Senegal.

39. TRUPANEA TURINUS.

Asilus Turinus, *Cat. of Diptera*, Pt. 2, 407.

Sierra Leone.

40. TRUPANEA GUINEENSIS.

Thorax rufescens, vittis quatuor nigellis; abdomen nigrum, fasciis marginibusque lateralibus rubidis; pedes rubidi, tarsis nigris; alæ subflavescentes.

Asilus Guineensis, *Wied.*

Guinea.

41. TRUPANEA PŒTINUS.

Asilus Pœtinus, *Cat. of Diptera*, Pt. 2, 390.

Sierra Leone.

42. TRUPANEA LIMBATA.

Fœm. *Gracilis; abdomen nigrum, rubido limbatum; pedes testacei, femoribus tibiisque externe nigris; alæ flavidæ, apice fuscæ.*

Trupanea limbata, *Macq. Dipt. Exot.* i. 2, 95, 5.

Senegal.

43. TRUPANEA FRATERNA.

Mas. *Flavo-cinerascens; antennæ nigræ; thorax vittis maculisque fuscis; abdomen obscure cinereum, lateribus fuscis; pedes intus fulvi; alæ subflavescentes, apice cinereæ.*

Asilus fraternus, *Wied.*

Guinea.

44. TRUPANEA FRATERCULUS.

Fœm. *Cinerea; caput albo pilosum; mystax albidus; thorax vittis duabus dorsalibus integris et duabus lateralibus interruptis nigricantibus maculisque quatuor lateralibus nigris; abdomen apice nigrum; pedes ferrugineo vittati; alæ sublimpidæ.*

Fem. Cinereous. Head behind and beneath, pectus and metathorax whitish. Head clothed with white hairs. Mystax with whitish bristles. Thorax with four blackish stripes, two entire and dorsal and converging hindward, and two lateral and interrupted and less distinct; there are also four lateral black spots on

the hind part of the thorax, the hind pair very small. Abdomen black towards the tip. Legs black, with whitish down, beset with black and white spines; femora and tibiæ ferruginous on the inner side. Wings nearly limpid.

This species is very nearly allied to *T. fraternâ*, but may be distinguished by its smaller size, by the darker colour of the anterior pair of spots on the thorax, by the ferruginous inner side of the femora and of the tibiæ, and by the forks of the radial vein, which are more curved towards the tips. Length of the body 7 lines; of the wings 10 lines.

a. Port Natal. From M. Gueinzius' collection.

45. TRUPANEA VAGATOR.

Glaucescens; antennæ nigræ; abdomen nigrum, fasciis marginibusque albidis; pedes nigri, femoribus intus tibiisque fulvis; alæ flavescentes.

Asilus vagator, *Wied. Auss. Zweifl.* i. 492, 100.

Cape.

46. TRUPANEA SCILURUS.

Asilus Scilurus, *Cat. of Diptera*, Pt. 2, 395.

South Africa.

47. TRUPANEA ÆDITHUS.

Asilus Ædithus, *Cat. of Diptera*, Pt. 2, 429.

South Africa.

48. TRUPANEA SENEGALENSIS.

Fœm. *Cinerea; abdomen in segmento singulo macula nigra transversa; pedes testacei; alæ flavidæ.*

Trupanea Senegalensis, *Macq. Dipt. Exot.* i. 2, 95, 4.

Senegal.

49. TRUPANEA MIMUS.

Mas. *Rubida; antennæ nigræ, basi rufescentes; thorax vittis nigris lineisque albis; abdomen maculis lateralibus albis; pedes rufescentes; alæ flavescentes.*

Asilus mimus, *Wied. Auss. Zweifl.* i. 493, 102.

Cape.

50. TRUPANEA FULVIPES.

Fœm. *Flavido-cinerea; antennarum articulus 2us testaceus; abdomen macula magna in segmento singulo nigra; pedes fulvi; alæ flavidæ.* Long. 8½ lin.

Trupanea fulvipes, *Macq. Dipt. Exot.* i. 2, 93, 1.

Cape.

51. TRUPANEA AMASTRUS.

Asilus Amastrus, *Cat. of Diptera*, Pt. 2, 394.

South Africa.

52. TRUPANEA DORSO.

Asilus Dorso, *Cat. of Diptera*, Pt. 2, 397.

South Africa.

Asia.

A. Pedes nigri.
  A. Pedes toti nigri.
    A. Alæ apice fuscescentes aut cinereæ.
      a. Abdomen basi fasciis duabus albo pilosis.
        bifasciata, *Macq.*
      b. Abdomen non bifasciatum.
        i. Abdomen nigricans, incisuris albis.
          Westermannii, *Wied.*
        ii. Abdomen cinereum, maculis nigris. maculosa, *Macq.*
        iii. Abdomen fuscum, albo limbatum. - Javana, *Wied.*
        iv. Abdomen subfulvocanum. - - univentris, *Walk.*
        v. Abdomen fusco-cinereoque tessellatum. agnita, *Wied.*
    B. Alæ apice non obscuriores.
      a. Venæ externo-mediæ 1a et 2a non conjunctæ.
        i. Alæ flavidæ.
          * Corpus flavido pilosum. - - Marcii, *Macq.*
          ** Corpus rufo pilosum. - - Duvaucelii, *Macq.*
        ii. Alæ subhyalinæ. - - - rufoungulata, *Macq.*
      b. Venæ externo-mediæ 1a et 2a conjunctæ.
        heteroptera, *Macq.*
  B. Tibiæ anteriora externe testacea. - - fusca, *Macq.*
  C. Femora anteriora apice subtus rufescentia. Hospes, *Wied.*
  D. Tibiæ pallidæ.
    A. Alæ apice obscuriores.
      a. Abdomen cinereum, maculis nigris. orientalis, *Macq.*
      b. Abdomen non maculatum. - - rufibarbis, *Macq.*
    B. Alæ apice non obscuriores.

a. Mystax albus. - - - - - - cana, *Wied.*
b. Mystax flavus. - - - - - - Anicius, *Walk.*
E. Pedes cinerei; femora tibiæque subtus pallida.
A. Alæ subfulvæ, apice fusco-ferrugineæ. - Gobares, *Walk.*
B. Alæ subfuscæ. - - - - - innotabilis, *Walk.*
F. Pedes pallidi, nigrovarii.
A. Abdomen non fasciatum.
a. Abdomen cinereo pubescens. - - apicalis, *Macq.*
b. Abdomen totum nigrum. - - - maculipes, *Walk.*
B. Abdomen incisuris vix albidis. - rubritarsata, *Macq.*
C. Abdomen incisuris flavescentibus. - varipes, *Macq.*
D. Abdomen fasciis interruptis canis. - - confinis, *Walk.*
E. Abdomen albo bifasciatum. - - Manillensis, *Macq.*
F. Abdomen fulvo fasciatum.
a. Alæ apice non obscuriores - - - contracta, *Walk.*
b. Alæ apice cinereæ. - - - - telifera, *Walk.*
G. Pedes picei, subtus ferruginei. - - sagittifera, *Walk.*
A. Alæ apice obscuriores. - - - Ceylanica, *Macq.*
B. Alæ apice non obscuriores.
a. Alæ flavescentes.
i. Abdomen cinereum. - - - flavibarbis, *Macq.*
ii. Abdomen fulvum. - - - - Copillus, *Walk.*
b. Alæ fuscæ. - - - - - - Calanus, *Walk.*

Group 1.

Structure of Group 1, page 594.

Trupanea Anicius, *Walk*; T. Copillus, *Walk*; T. maculipes, *Walk.*

Group 2.

Fœm. Corpus elongatum. Vertex depressus. Facies subconvexa. Mystax setis plurimis. Proboscis valida, linearis. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o non longior; arista articulo 3o paullo longior. Thorax setosus. Abdomen longi-oblanceolatum, abdomen superans, basi subpilosum, apice acuminatum, non stylatum nec compressum. Pedes robuste, spinosi, pubescentes.

Radial vein forked at a little before one-third of its length; fore fork very slightly undulating; hind fork straight till near its tip, where it is curved forward and parallel to the fore fork. Cubital and first externo-medial vein very slightly curved hindward, parallel to each other; second externo-medial straight; third slight curved,

forming a very slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Trupanea Gobares, *Walk*; T. innotabilis, *Walk*.

Group 3.

Mas. Corpus parce pubescens. Caput subtus dense pilosum. Facies convexa. Mystax parce setosus. Proboscis lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o paullo longior; arista 3o vix longior. Thoracis latera et scutellum setosa. Abdomen oblanceolatum, thorace multo angustius et fere duplo longius. Sexualia mediocria, hirta. Pedes robusti, setosi, parce hirti.

Radial vein forked at one-third of its length; forks parallel except towards their base, curved forward at their tips. Discal areolet very narrow at one-third of its length, opposite the veinlet which joins it to the first externo-medial. Veinlet between the first externo-medial and the cubital at three-fourths of the length of the discal areolet. Cubital and first externo-medial slightly curved, parallel to each other; second externo-medial straight; third slightly curved, forming an obtuse angle with the præbrachial, joining the fourth very far from the border. Subanal joining the anal near the border.

Trupanea confinis, *Walk.*

53. TRUPANEA BIFASCIATA.

Fœm. *Nigra; abdomen basi fasciis duabus albo pilosis; alæ flavidæ, areola 1a submarginali cinereo vittata.*

Trupanea bifasciata, *Macq. Dipt. Exot.* i. 2, 98, 14.

Java.

54. TRUPANEA WESTERMANNII.

Cinerea; thorax vitta intermedia divisa, lateralibus bis interruptis; abdomen nigricans incisuris albis; alæ flavescentes, apice subfuscæ.

Asilus Westermannii, *Wied.*

Trupanea Westermannii, *Macq. Dipt. Exot.* i. 2, 98, 15.

Bengal, Java.

55. TRUPANEA MACULOSA.

Fœm. *Cinerea; abdomen in segmento singulo macula magna nigra, linea dorsali rubida; alæ hyalinæ, apice cinereæ.*

Asilus maculosus, *Macq. Hist. Nat. Dipt.* i. 312, 35,.
Trupanea maculosa, *Macq. Dipt. Exot.* i. 2, 100, 20.

Philippine Isles.

56. TRUPANEA JAVANA.

Fusca; abdomen albo limbatum; alæ flavidæ, apice margineque postico fuscanæ. Fœm.—*Terebra nigra nitens.*

Asilus Javanus, *Wied. Zool. Mag.* iii. 4, 5; *Dipt. Exot.* i. 205, 41; *Auss. Zweifl.* i. 494, 103.
Trupanea Javana, *Macq. Dipt. Exot.* i. 2, 98, 13.

Var.? Asilus perplexus, *Wied. Auss. Zweifl.* i. 495, 104.

Java.

57. TRUPANEA UNIVENTRIS.

Trupanea univentris, *Diptera Saundersiana*, Pt. 2, 114.

East Indies.

58. TRUPANEA AGNITA.

Mas. *Fuscana; antennæ nigræ; thorax fusco quadrivittatus; abdomen fusco-cinereoque tessellatum; pedes nigricantes; alæ subflavescentes, apice margineque postico cinereæ.*

Asilus agnitus, *Wied. Zool. Mag.* iii. 35, 51; *Dipt. Exot.* i. 212, 50; *Auss. Zweifl.* i. 496, 109.

Sumatra.

59. TRUPANEA MARCII.

Atra; caput flavum; thorax flavido pilosus, trivittatus; abdomen maris *segmentis tribus anticis flavido pilosis,* fœm. *totis macula magna nigra; alæ flavidæ.*

Trupanea Marcii, *Macq. Dipt. Exot.* i. 2, 97, 11, pl. 9, f. 2.

East Indies.

60. TRUPANEA DUVAUCELII.

Nigra; palpi rufo pilosi; thorax rufo tomentosus, vittis nigris; abdominis segmenta 1o ad 3um rufo pilosa; alæ flavidæ.

Trupanea Duvaucelii, *Macq. Dipt. Exot.* i. 2, 97, 12.

Bengal.

61. TRUPANEA RUFOUNGULATA.

Cinerea; abdomen nigro maculatum; pedes atri albido pubescentes, unguibus rufis apice nigris; alæ subhyalinæ.

Trupanea rufoungulata, *Macq. Dipt. Exot.* i. 2, 99, 18.

Cochin China.

62. TRUPANEA HETEROPTERA.

Mas. *Cinerea; abdominis segmenta macula magna nigra; pedes nigri; alæ flavidæ venis externo-mediis 1a et 2a conjunctis.*

Trupanea heteroptera, *Macq. Dipt. Exot.* i. 2, 96, 9, pl. 9, f. 3.

Malabar.

63. TRUPANEA FUSCA.

Fœm. *Fusca; abdomen nigro micans; pedes nigri, tibiis anterioribus externe testaceis; alæ flavidæ, postice fuscæ.*

Trupanea fusca, *Macq. Dipt. Exot.* i. 2, 104, 29.

Bengal.

64. TRUPANEA HOSPES.

Fœm. *Flavida; antennæ nigræ; thorax fusco vittatus; abdomen fasciis glaucescentibus; pedes glauci, femoribus anterioribus apice subtus rufescentibus; alæ limpidæ, apice fusco-cinereæ.*

Asilus Hospes, *Wied. Zool. Mag.* iii. 32, 47; *Dipt. Exot.* i. 207, 44; *Auss. Zweifl.* i. 495, 105.

Tranquebar.

65. TRUPANEA ORIENTALIS.

Atra; caput flavidum; thorax flavido tomentosus, trivittatus; abdomen cinereum, macula magna in segmento singulo nigra; tibiæ rubidæ; alæ apice fuscæ.

Trupanea orientalis, *Macq. Dipt. Exot.* i. 2, 96, 7.

East Indies.

66. TRUPANEA RUFIBARBIS.

Fœm. *Nigra; flavido pubescens; mystax barbaque fulva; tibiæ testaceæ; alæ flavidæ, macula subapicali fusca.*

Trupanea rufibarbis, *Macq. Dipt. Exot. Suppl.* 3, 25, 46, pl. 2, f. 9.

Java.

67. TRUPANEA CANA.

Cana; caput albo hirtum; antennæ nigræ; thorax vittis nigricantibus; abdomen nigro fasciatum; tibiæ fulvæ, apice nigræ; alæ subflavescentes.

Asilus canus, *Wied. Zool. Mag.* ii. 28; *Dipt. Exot.* i. 204, 39; *Auss. Zweifl.* i. 487, 94.

Region of the Caspian Sea.

68. TRUPANEA ANICIUS.

Asilus Anicius, *Cat. of Diptera*, Pt. 2, 392.

a. North China. From Mr. Cuming's collection.

69. TRUPANEA GOBARES.

Asilus Gobares, *Cat. of Diptera*, Pt. 2, 420.

70. TRUPANEA INNOTABILIS.

Cinerea; caput albidum, albo pilosum; mystax albidus; thorax nigro-fusco quadrivittatus; abdomen nigrum, segmentis cinereo fasciatis; pedes nigri, femoribus tibiisque ex parte rufescentibus; alæ subfuscæ.

Cinereous. Head whitish behind and beneath, clothed with white hairs. Mystax with whitish bristles. Thorax with four blackish brown stripes; the lateral pair interrupted, almost black hindward. Pectus whitish. Abdomen black, reddish beneath, oblanceolate, about twice the length of the thorax, extending beyond the wings; hind borders of the segments with cinereous bands. Legs black, with whitish down and black spines; femora and tibiæ with reddish stripes. Wings brownish. Halteres testaceous. Length of the body 5½—9½ lines; of the wings 8—13 lines.

a—d. Sumatra. From Sir Stamford Raffles' collection.

e. Java. From the East India Company's collection.

71. TRUPANEA APICALIS.

Fœm. *Cinerea; abdomen atrum, cinereo pubescens; femora tibiæque antica, intermediaque externe fusco testacea; alæ subflavescentibus, postice fuscanæ.* Long. 6½ lin.

Trupanea apicalis, *Macq. Dipt. Exot.* i. 2, 100, 19.

Cochin China.

72. TRUPANEA MACULIPES.

Fœm. *Aurata; thorax nigro-fusco quadrivittatus; abdomen atrum, triente apicali stylata; pedes rufi, femoribus basi, genubus, tibiis apice tarsisque nigris; alæ subhyalinæ, apice cinereæ.*

Head and thorax with gilded tomentum. Head with gilded hairs and mystax. Proboscis, palpi and antennæ black. Thorax with four blackish brown stripes, the lateral pair interrupted. Abdomen deep black, about twice the length of the thorax, with pale gilded tomentum on each side of the broad part, which is about twice the length of the apical style. Legs red; coxæ, femora towards the base, knees, tarsi and tips of the hind tibiæ black; anterior metatarsi reddish. Wings nearly hyaline, gray towards the tips. Halteres testaceous. Length of the body 10 lines; of the wings 16 lines.

a. Hong Kong. Presented by J. C. Bowring, Esq.

73. TRUPANEA RUBRITARSATA.

Mas. *Fusca; abdomen nigrum, incisuris vix albidis; pedes nigri, tibiis tarsisque anterioribus testaceis; alæ subhyalinæ, apice subfuscis.*

Trupanea rubritarsata, *Macq. Dipt. Exot.* i. 2, 99, 16.

Java.

74. TRUPANEA VARIPES.

Fœm. *Atra; facies et mystax flavida; barba alba; femora subtus tibiæque rufa; alæ flavidæ.*

Trupanea varipes, *Macq. Dipt. Exot.* i. 2, 97, 10; *Suppl.* 1, 79, 41.

Bengal.

75. Trupanea confinis.

Mas. *Nigricans; caput et pectus testaceo tomentosa, illum subtus albido pilosum; mystax testaceus, infra niger; thorax testaceo quadrivittatus; abdomen subtus ferrugineum; segmenta dorsalia fasciis posticis interruptis albidis; pedes rufi, femoribus supra nigris, tibiis supra nigro vittatis; alæ subcinereæ, apicibus maryinibusque posticis obscurioribus.*

Male. Blackish. Head with testaceous tomentum, clothed beneath with whitish hairs. Mystax testaceous; a few black bristles towards the peristoma. Thorax with four testaceous stripes. Pectus testaceous. Abdomen with whitish interrupted bands on the hind borders of the segments; under side ferruginous. Legs red; femora black above; tibiæ above with black stripes. Wings grayish, darker towards the tips and along the hind borders. Length of the body 8 lines; of the wings 14 lines.

a. Java. From the East India Company's collection.

76. Trupanea Manilliensis.

Mas. *Nigra; abdomen basi fasciis duabus albo pilosis; pedes externe fulvi; alæ flavidæ.*

Trupanea Manilliensis, *Macq. Dipt. Exot.* i. 2, 194; *Suppl.* 1, 79.

Manilla.

77. Trupanea contracta.

Trupanea contracta, *Diptera Saundersiana*, Pt. 2, 120.

East Indies.

78. Trupanea telifera.

Trupanea telifera, *Diptera Saundersiana*, Pt. 2, 115.

East Indies.

79. Trupanea sagittifera.

Trupanea sagittifera, *Diptera Saundersiana*, Pt. 2, 116.

East Indies.

80. Trupanea Ceylanica.

Fœm. *Cinerea; caput albidum; abdomen nigrum, incisuris cinereis; pedes testacei; alæ hyalinæ, apice cinereæ.*

Trupanea Ceylanica, *Macq. Dipt. Exot.* i. 2, 100, 20.

Ceylon.

81. TRUPANEA FLAVIBARBIS.

Mas. *Fuscana; thorax flavidus; abdomen cinereum, macula magna in segmento singulo nigra; pedes fulvi, tarsis nigris; alæ flavescentes.*

Trupanea flavibarbis, *Macq. Dipt. Exot.* i. 2, 96, 8.

Pondicherry.

82. TRUPANEA COPILLUS.

Asilus Copillus, *Cat. of Diptera*, Pt. 2, 389.

83. TRUPANEA CALANUS.

Trupanea Calanus, *Diptera Saundersiana*, Pt. 2, 122.

East Indies.

Australia.

A. Venæ cubitalis et externo-media 1a non conjunctæ.
  A. Alæ violaceo-fuscanæ. - - - - grandis, *Macq.*
  B. Alæ sublimpidæ, apice cinereæ. - canescens, *Walk.*
  C. Alæ flavescentes.
    A. Femora nigra. - - - - Tasmanensis, *Macq.*
    B. Femora fulva. - - - - - rufipes, *Macq.*
B. Venæ cubitalis et externo-media conjunctæ. - clausa, *Macq.*

Group 1.

Fœm. Corpus gracile, parce pubescens, non hirtum. Caput subtus dense pilosum. Facies subconvexa. Mystax sat dense setosus. Proboscis sublanceolata. Thoracis latera, scutellum et abdominis latera basi parce setosa. Abdomen oblanceolatum, thorace fere duplo longius, alas longe superans. Pedes sat graciles, parce setosi, non hirti.

Radial vein forked at rather before half its length; forks almost parallel, except towards the base, their tips curved forward. Veinlet between the radial and the cubital at three-fourths of the length of the discal areolet; veinlet between the cubital and the first externo-medial before half the length of the discal areolet. Cubital and first externo-medial slightly curved hindward, parallel to each other; second externo-medial nearly straight; third hardly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal almost close to the border.

84. Trupanea grandis.

Atra; facies mystaxque flavida, barba alba; abdomen cyanescens; tibiæ castaneæ; alæ violaceo-fuscanæ.

Trupanea grandis, *Macq. Dipt. Exot.* i. 2, 101, 22.

New Holland.

85. Trupanea canescens.

Fœm. *Cinerea; caput subtus album alboque pilosum; mystax albus; antennæ nigræ; thorax piceo bivittatus; pectus canum; abdominis segmenta nigro fasciata; pedes cinereo-rufescentes; femora nigro-cinerea; alæ sublimpidæ, apice cinereæ.*

Cinereous. Head white in front and beneath, clothed with white hairs. Mystax white. Antennæ black. Thorax with two slender parallel dorsal piceous stripes; bristles black. Pectus and metathorax hoary. Abdominal segments with broad blackish bands. Legs with cinereous tomentum and with black spines; coxæ and femora black; tibiæ and tarsi reddish. Wings nearly limpid, with cinereous tips; veins black, tawny at the base. Halteres tawny. Length of the body 8 lines; of the wings 10 lines.

a. New Holland.

86. Trupanea Tasmanensis.

Mas. *Cinerea; mystax flavidus; antennæ pedesque nigra; thorax vittis nigris; abdomen maculis dorsalibus nigris postice rotundatis; tibiæ testaceæ; alæ flavescentes.*

Trupanea Tasmanensis, *Macq. Dipt. Exot. Suppl.* 2, 39, 45.

Tasmania.

87. Trupanea rufipes.

Mas. *Cinerea; mystax albus; antennæ nigræ; thorax vittis nigris, intermedia divisa; abdomen maculis dorsalibus nigris; pedes fulvi, tarsis nigris; alæ subflavescentes.*

Trupanea rufipes, *Macq. Dipt. Exot. Suppl.* 3, 26, 47, pl. 2, f. 8.

New Holland.

88. TRUPANEA CLAUSA.

Mas. *Nigra; mystax albidus; abdominis incisuræ albidæ; alæ subflavescentes; venæ cubitalis ramus posticus vena externo-media longe ante marginem conjunctus.*

Trupanea clausa, *Macq. Dipt. Exot. Suppl.* 1, 80, 42, pl. 8, f. 5, New Holland.

Country unknown.

A. Pedes toti nigri.
  A. Mystax niger.
    A. Thorax cinereus. - - - - - vagans, *Wied.*
    B. Thorax fuscanus. - - - - incisuralis, *Macq.*
  B. Mystax flavescens.
    A. Thorax cinereus, nigro vittatus. - - - blanda, *Wied.*
    B. Thorax fuscus nigro vittatus. - - vicina, *Macq.*
    C. Thorax flavidus, obsolete vittatus. - - mœrens, *Wied.*
  C. Mystax albus. - - - - - separata, *Walk.*
B. Pedes nigri, ex parte pallidi.
  A. Tarsi testaceæ. - - - - - longipes, *Macq.*
  B. Tibiæ basi testaceæ. - - - - incisa, *Macq.*
  C. Tibiæ testaceæ, anticæ intus posticæ extus nigræ. albibarbis, *Macq.*
  D. Tibiæ fulvæ aut testaceæ.
    A. Abdomen cinereo-fuscoque tessellatum. - sericans, *Wied.*
    B. Abdomen cinereum, maculis nigris. - - tibialis, *Macq.*
    C. Abdomen basi rufo pilosum. - - longiterebrata, *Macq.*
C. Pedes castanei. - - - - - castanipes, *Macq.*
D. Femora et tibiæ rufa, apice nigra. - - Amorges, *Walk.*
E. Pedes rufi aut fulvi.
  A. Thorax niger.
    A. Antennæ nigræ. - - - - - fulvipes, *Macq.*
    B. Antennæ fulvæ, apice nigræ. - - Geminus, *Walk.*
  B. Thorax rubidus, fusco vittatus. - - dorsalis, *Macq.*
  C. Thorax fulvus; discus fuscus, vittis dorsalibus pallidioribus duabusque nigris lateralibus. - - - porrecta, *Walk.*

Group 1.

Corpus longiusculum, fere nudum. Caput subtus pilosum; vertex depressus; facies fere plana. Mystax setis paucis. Proboscis valida, lanceolata. Thorax setis nonnullis lateralibus. Abdomen longi-oblanceolatum, subpubescens, alas longe superans, basi

subpilosum, apicem versus fere cylindricum, non compressum nec stylatum, thorace duplo longius. Pedes sat graciles, parce spinosi, non pilosi.

Radial vein forked at very little beyond one-third of its length; fore fork nearly straight, joining the subcostal close to the tip of the latter. Cubital and first externo-medial very slightly converging towards each other as they approach the border; cubital joined to the radial by a veinlet at much before the end of the discal areolet, and with the præbrachial by a veinlet at very little before the middle of the discal areolet. Third externo-medial forming a very slightly obtuse angle with the præbrachial, joining the fourth at some distance from the border. Subanal joining the anal very near the border.

Trupanea separata, *Walk.*

Group 2.

Structure of the first African group.

Trupanea Amorges.

Group 3.

Structure of *T. annularis.*

Trupanea Geminus.

89. TRUPANEA VAGANS.

Fœm. *Cinerea; antennæ nigræ; thorax nigro vittatus; abdomen nigellum, vitta luteo, incisuris marginibusque lateralibus cinereis; pedes nigricantes, tibiis basi castaneo fuscescentibus; alæ subflavescentes, apice margineque postico fuscescentes.*

Trupanea vagans, *Wied. Auss. Zweifl.* i. 488, 95.

90. TRUPANEA INCISURALIS.

Mas. *Fuscana; thorax nigro vittatus; abdomen nigrum, incisuris albidis; pedes nigri; alæ fuscanæ.*

Trupanea incisuralis, *Macq. Dipt. Exot.* i. 2, 107, 38; *Suppl.* 1, 80.

91. TRUPANEA BLANDA.

Cinerea; thorax nigro-fusco quadrivittatus; abdomen fusciis albidis maculisque fuscis; pedes nigri; alæ flavescentes, apice cinereo-fuscæ.

Asilus blandus, *Wied. Auss. Zweifl.* i. 497, 108.

92. TRUPANEA VICINA.

Fœm. *Fusca; thorax vittis nigris; abdomen albo limbatum; pedes nigri; alæ hyalinæ, areolarum discis et apice fuscis.*

Trupanea vicina, *Macq. Dipt. Exot.* i. 2, 105, 33.

93. TRUPANEA MŒRENS.

Fœm. *Flavida; antennæ nigræ; thorax obsolete vittatus; abdomen glabrum, nigrum, fasciis marginibusque cinereis; alæ flavæ; pedes crassi, nigri.*

Asilus mœrens, *Wied. Auss. Zweifl.* i. 493, 101.

94. TRUPANEA SEPARATA.

Fœm. *Obscure cinerea; caput albido tomentosum, subtus albo hirtum; antennæ nigræ; mystax albus; pectus cano tomentosum; abdomen apicem versus nigrum nitens; alæ fusco-cinereæ.*

Fem. Dark gray. Head with whitish tomentum, clothed beneath with white hairs. Mystax with white bristles. Antennæ black. Abdomen black and shining towards the tip. Legs with black spines. Wings brownish gray; veins black. Length of the body 11 lines; of the wings 16 lines.

95. TRUPANEA LONGIPES.

Mas. *Gracilis, rufo-cinerea; thorax nigro vittatus; abdomen albo fasciatum; pedes elongati nigri, tarsis testaceis; alæ flavescentes, apice subfuscæ.*

Trupanea longipes, *Macq. Dipt. Exot.* i. 2, 103, 28, pl. 9, f. 5.

96. TRUPANEA INCISA.

Mas. *Atra; thorax flavo-cinereus, nigro vittatus; abdominis incisuræ albidæ; tibiæ basi testaceæ; alæ flavidæ, apice fuscanæ.*

Trupanea incisa, *Macq. Dipt. Exot.* i. 2, 106, 35.

97. TRUPANEA ALBIBARBIS.

Fœm. *Cinerea; abdominis segmentum singulum macula magna nigra; pedes nigri; tibiis testaceis, anticis intus posticis extus nigris; alæ flavidæ, apice fuscanæ.*

Trupanea albibarbis, *Macq. Dipt. Exot.* i. 2, 105, 32.

Trupanea tibialis, *fœm.?*

98. Trupanea sericans.

Suborichalcea; antennæ nigræ; thorax fusco vittatus; abdomen cinereo-fuscoque subtessellatum; pedes nigri, tibiis fulvis; alæ subflavescentes, apice fusco-cinereæ.

Asilus sericans, *Wied. Auss. Zweifl.* i. 495, 107.

99. Trupanea tibialis.

Mas. *Cinerea; abdominis segmentum singulum macula magna nigra; femora tarsique nigra, tibiæ rufæ; alæ fuscanæ.*

Trupanea tibialis, *Macq. Dipt. Exot.* i. 2, 104, 31.

100. Trupanea longiterebrata.

Fœm. *Nigra; thorax rufus nigro vittatus; abdominis segmenta 1o ad 3um rufo pilosa; tibiæ testaceæ; alæ fuscanæ.*

Trupanea longiterebrata, *Macq. Dipt. Exot.* i. 2, 105, 34.

101. Trupanea castanipes.

Mas. *Fuscano-cinerea; abdomen incisuris anoque albis; pedes castanei; alæ fuscanæ.*

Trupanea castanipes, *Macq. Dipt. Exot.* i. 2, 107, 39.

102. Trupanea Amorges.

Asilus Amorges, *Cat. of Diptera*, Pt. 2, 391.

103. Trupanea fulvipes.

Mas. *Atra; scapulæ testaceæ; abdomen incisuris albidis, basi flavido piloso; pedes fulvis; alæ subflavescentes.*

Trupanea fulvipes, *Macq. Dipt. Exot.* i. 2, 106, 37.

104. Trupanea Geminus.

Asilus Geminus, *Cat. of Diptera*, Pt. 2, 396.

105. TRUPANEA DORSALIS.

Cinerea ; caput albidum ; thorax rubidus, fusco vittatus ; abdomen fuscum, vitta dorsali cinerea, incisuris albidis ; pedes rufi ; alæ subflavescentes.

Trupanea dorsalis, *Macq. Dipt. Exot.* i. 2, 106, 36, pl. 9, f. 4.

106. TRUPANEA PORRECTA.

Trupanea porrecta, *Diptera Saundersiana*, Pt. 2, 126.

Genus 4. ERAX.

Corpus non depressum, nec ciliatum. Facies valde prominens. Maris sexualia magna, producta, *fœm.* terebra extensa. Alarum vena radialis simplex ; cubitalis furcata ; furca antica sæpissime ramulum rejiciens.

Erax, *Scopoli ; Serville. Macq. Dipt. Exot.* i. 2, 107.
Asilus p., *Fabr. ; Wied.*
Erax et Eristicus, *Loew.*

Loew describes *Erax* and his new genus *Eristicus* by the following characteristics, but does not mention the types of either genus :—

ERAX.

Abdomen plus minusve compressum.

Mas. Sexualia magna, compressa, elevata.
Fœm. Sexualia longa, valde compressa.

Erax, *Loew, Linn. Ent.* iii. 395, 3, 403.

ERISTICUS.

Abdomen depressum.

Mas. Sexualia latissima, valde incrassata, non elevata.
Fœm. Sexualia brevissima, plus minusve depressa.

Eristicus, *Loew, Linn. Ent.* iii. 396, 4, 403.

This genus appears to connect *Mallophora* and *Trupanea* with the other *Asilites*, as regards the neuration of the wings. In *Erax* the branch which is very generally emitted from the angle of the fore fork of the cubital vein is only rudimentary, but in *Trupanea* it is continued backwards to the radial, and thus the latter has the appearance of being forked, and the cubital of being simple, and connected with the radial by a short transverse veinlet. The

difference may be thus described: Fore cubital fork emitting a vein which extends to the radial vein (Mallophora, Trupanea). Fore cubital fork emitting a rudimentary vein, or none (Erax, Asilus, &c.).

North America.

A. Pedes nigri. - - - - - - lateralis, *Macq.*
B. Femora nigra.
A. Tibiæ badiæ.
a. Thorax canus, nigro vittatus. - - - niger, *Wied.*
b. Thorax fuscescens, vittis nigris. - - pogonius, *Wied.*
c. Thorax non vittatus. - - - completus, *Macq.*
B. Tibiæ tarsique badia.
a. Alæ dilatatæ. - - - - - macrolabis, *Wied.*
b. Alæ non dilatatæ. - - - - Antiphon, *Walk.*
C. Tibiæ anteriores testaceæ. - - - rufibarbis, *Macq.*
D. Tibiæ testaceæ aut rufæ, apice nigræ.
a. Thorax niger.
a. Alæ flavidæ aut hyalinæ.
i. *Mas.* Abdominis segmenta tria apicalia alba. Bastardi, *Macq.*
ii. *Mas.* Abdominis segmenta duo apicalia alba. albibarbis, *Macq.*
b. Alæ subrufescentes. - - - - tibialis, *Macq.*
b. Thorax fuscus. - - - - - incisuralis, *Macq.*
c. Thorax rubido-fuscus. - - - - æstuans, *Linn.*
d. Thorax suborichalceus. - - - apicalis, *Wied.*
e. Tibiæ testaceæ. - - - - - vicinus, *Macq.*
B. Pedes testacei.
A. Femora nigra. - - - - - femoratus, *Macq.*
B. Femora subtus nigra. - - - - ambiguus, *Macq.*
C. Pedes picei; tibiæ ferrugineæ, apice piceæ. Duscyllus, *Walk.*
D. Pedes rufi aut testacei.
A. Abdominis segmenta duo apicalia alba. - notabilis, *Macq.*
B. Abdomen argenteum, maculis dorsalibus nigris. argyrogaster, *Macq.*

Group 1.

Corpus sat gracile, hirtum, setosum. Facies apud epistoma valde convexa. Mystax dense setosus. Proboscis valida, linearis. Antennarum articulus 3us subfusiformis, 1o paullo brevior; arista 3o duplo longior. Abdomen alas superans. Pedes validi, hirti, spinosi. *Mas.*—Sexualiâ magna. *Fœm.*—Abdomen triente apicali stylata.

Radial vein almost straight, joining the subcostal at rather far from the tip of the latter. Cubital forked at very much beyond half its length; forks very slightly undulating, slightly approaching each other near each end; fore fork forming at its base a slightly obtuse angle, which emits a branch; the latter is much longer than the basal side of the angle. First externo-medial vein slightly curved; second straight; third curved, forming a hardly obtuse angle with the præbrachial, joining the fourth at rather far from the border. Subanal joining the anal near the border.

Erax niger, *Wied.*; E. femoratus, *Macq.*; E. Dascyllus, *Walk.*

Group 2.

Mas. Corpus elongatum, parce hirtum. Caput subtus densissime pilosum. Facies valde convexa. Mystax sat dense setosus. Proboscis linearis. Antennarum articulus 1us 2o plus duplo longior; 3us longiconicus, 1o brevior; arista 3o triplo longior. Thoracis latera et scutellum subsetosa. Abdomen alas longe superans. Sexualia magna. Pedes validi, hirti, spinosi.

Radial vein nearly straight, joining the subcostal far from the tip of the latter. Cubital forked at rather before two-thirds of its length; fore fork forming a nearly right angle whose basal side is a little longer than the branch which it emits; hind fork slightly undulating. First and second externo-medial veins nearly straight; third almost straight, forming a hardly obtuse angle with the præbrachial, joining the fourth at some distance from the border. Subanal joining the anal near the border.

Erax Antiphon, *Walk.*

Group 3.

Mas. Corpus robustum, valde hirtum. Caput subtus densissime pilosum. Facies parum convexa. Mystax densissime setosus. Proboscis sublanceolata. Thoracis latera et scutellum setosa. Abdomen alis multo longius. Pedes robusti, spinosi, pilisque longis densissime hirti.

Radial vein hardly undulating, joining the subcostal at some distance from the tip of the latter. Cubital forked at half its length; forks very slightly curved, slightly approaching each other towards each end; fore fork forming at its base a slightly obtuse angle, which emits a branch; the latter is a little longer than the inner side of the angle. First, second and third externo-medial veins nearly straight; third forming a hardly obtuse angle with the

præbrachial, which is much curved, joining the fourth far from the border. Subanal joining the anal very near the border.

Erax rufibarbis, *Macq.*

Group 4.

Mas. Corpus elongatum, parce hirtum. Caput subtus densissime pilosum. Facies valde convexa. Mystax dense setosus. Proboscis lanceolata. Antennarum articulus 1us 2o duplo longior; 3us longiconicus, 1o brevior; arista 3o fere triplo longior. Thoracis latera et scutellum setis nonnullis. Abdomen alas superans. Sexualia maxima. Pedes validi, spinosi, hirti.

Radial vein almost straight, joining the subcostal rather far from the tip of the latter. Cubital forked at very much beyond half its length; forks converging towards each end; fore fork very slightly curved, forming at its base an obtuse angle, which emits a branch; the latter is much longer than the basal side of the angle; hind fork rather deeply curved. First, second and third externo-medial veins very slightly curved; third forming an almost right angle with the præbrachial, joining the fourth at far from the border. Subanal joining the anal at some little distance from the border.

Erax Bastardi, *Macq.*

Group 5.

Mas. Corpus parce pilosum. Caput subtus densissime hirtum. Facies valde convexa. Mystax densissime setosum. Proboscis linearis. Antennarum articulus 1us 2o duplo longior; 3us longiconicus, 1o brevior; arista 3o triplo longior. Thoracis latera parce setosa. Sexualia maxima, pilosa. Pedes robusti, pilosi, spinosi.

Male. Radial vein straight, joining the subcostal at rather far from the tip of the latter. Cubital forked at very much beyond half its length; forks slightly curved, slightly converging towards each end; fore fork forming at its base an obtuse angle, which emits a branch that is shorter than its basal side. First and second externo-medial veins nearly straight; third slightly curved, forming a nearly right angle with the præbrachial, joining the fourth far from the border. Wings slightly or hardly dilated along the costa at two-thirds of the length.

Erax æstuans, *Linn.*

Group 6.

Corpus mediocre, parce hirtum. Caput subtus pilosum. Facies apud epistoma valde convexa. Mystax dense setosus. Proboscis

valida, lanceolata. Antennarum articulus 3us lanceolatus, 1o paullo longior; arista 3o vix longior. Thorax utrinque parce setosus. Abdomen oblanceolatum, fere nudum. Pedes validi, pilosi. *Mas.*—Abdomen alas longe superans. Sexualia mediocria. Pedes pilosi. *Fœm.*—Abdomen alas longe superans, apicem versus subcompressum et subattenuatum. Pedes parce pilosi.

Fem. Radial vein nearly straight, joining the subcostal at rather far from the tip of the latter. Cubital vein forked at before half its length; the forks very slightly curved, converging towards their base, and more slightly so towards their tips; fore fork forming at its base a right angle, which emits a branch; the latter is full twice the length of the basal side of the angle. First and second externo-medial veins nearly straight; third curved, forming a nearly right angle with the præbrachial, which is curved, joining the fourth at very far from the border. Subanal joining the anal at some little distance from the border.

A. apicalis, *Wied.*

1. ERAX LATERALIS.

Ater; abdominis latera albido maculata, segmenta ultima albida medio testacea aut nigra; alæ fuscanæ.

Erax lateralis, *Macq. Dipt. Exot.* i. 2, 116, 21.

Philadelphia.

2. ERAX NIGER.

Fœm. *Niger; mystax albidus; thorax canus, nigro vittatus; tibiæ badiæ; alæ flavescentes.*

Asilus niger, *Wied.*

Georgia.

3. ERAX POGONIAS.

Fuscanus; mystax albidus; thorax obsoletissime nigro vittatus; pedes nigri, tibiis badiis apice nigris; alæ flavescentes.

Dasypogon barbatus, *Fabr. Syst. Antl.* 169, 22.

Asilus pogonias, *Wied. Dipt. Exot* i. 198, 29; *Auss. Zweifl.* i. 460, 54.

North America.

4. ERAX COMPLETUS.

Mas. *Ater; barba alba; abdominis segmenta duo apicalia nivea; tibiæ castaneæ; alarum venæ flavo limbutæ, vena submarginali externa integra.*

Erax completus, *Macq. Dipt. Exot.* i. 2, 117, 23, pl. 9, f. 9.

North America.

5. ERAX MACULABIS.

Mas. *Nigellus; thorax vittis cinereis; abdomen vittis canis; segmenta quatuor apicalia subargentea; tibiæ tarsique badia; alæ flavescentes; costa apice incrassata.*

Asilus maculabis, *Wied.*

6. ERAX ANTIPHON.

Mas. *Niger; caput album, subtus albo pilosum; mystax niger, infra albus; thorax ferrugineo quadrivittatus; abdominis segmenta marginibus posticis ferrugineis; tibiæ tarsique obscure rufa; alæ subfuscæ.*

Asilus Antiphon, *Cat. of Diptera*, Pt. 2, 397.

The previous description of this species is erroneous.

a. Georgia. From Mr. Abbot's collection.

7. ERAX RUFIBARBIS.

Ater; mystax rufus; abdominis segmenta incisuris cinereis, maris *segmenta duo apicalia alba; tibiæ anteriores testaceæ; alæ* maris *limpidæ*, fœm. *venis fusco limbatis.*

Erax rufibarbis, *Macq.*

North America.

8. ERAX BASTARDI.

Ater; abdominis segmenta maris *tria apicalia nivea*, fœm. *omnia albido marginata; tibiæ rufæ, apice nigræ; alæ flavidæ.*

Erax Bastardi, *Macq. Dipt. Exot.* i. 2, 117, 26, pl. 9, f. 7.

North America.

9. ERAX ALBIBARBIS.

Mas. *Ater; abdomen basi segmentaque duo apicalia argentea; tibiæ rufæ apice nigræ; alæ hyalinæ.*

Erax albibarbis, *Macq. Dipt. Exot.* i. 2, 118, 26.

North America.

10. ERAX TIBIALIS.

Fœm. *Ater; abdominis latera incisuris et venter cinereis; tibiæ testaceæ apice nigræ; alæ subrufescentes.* Long. 6¼ lin.

Erax tibialis, *Macq. Dipt. Exot.* i. 2, 118, 27.

Philadelphia. St. Domingo. Cayenne.

11. ERAX INCISURALIS.

Fœm. *Fuscus; abdominis incisuræ lateraque albida, terebra longa; tibiæ testaceæ, apice nigræ; alæ subfuscæ.*

Erax incisuralis, *Macq. Dipt. Exot.* i. 2, 117, 24.

Philadelphia.

12. ERAX ÆSTUANS.

Rubido-fuscus; thorax nigro lineatus; abdomen tessellatum; maris *segmenta duo penultima alba; alæ dilatatæ.*

Asilus æstuans, *Linn.*

United States. Brazil.

13. ERAX APICALIS.

Fœm. *Suborichalceus; mystax albus; antennæ nigræ; thorax nigro vittatus; abdomen nigrum, maculis trigonis lateralibus incisurisque canis; tibiæ rubidæ, apice nigræ; alæ limpidæ, apice subfuscescentes.*

Asilus apicalis, *Wied. Dipt. Exot.* i. 191, 16; *Auss. Zweifl.* i. 443, 28.

North America.

14. ERAX VICINUS.

Mas. *Niger; thorax fuscus, vittis nigris; abdomen basi apiceque album; tibiæ testaceæ; alæ subflavescentes.*

Erax vicinus, *Macq. Dipt. Exot. Suppl.* 1, 85, 36.

Texas.

15. ERAX FEMORATUS.

Mas. *Ater; abdominis latera et venter cinerea; segmenta tria apicalia argentea; pedes testacei, femoribus nigris; alæ rufescentes, subdilatatæ.*

Erax femoratus, *Macq.*

Carolina.

16. ERAX AMBIGUUS.

Niger; thorax cinereus vittis nigris; abdomen fasciis albidis, ano brevi; pedes testacei, femoribus subtus nigris; alæ subflavescentes.

Erax ambiguus, *Macq. Dipt. Exot. Suppl.* 1, 84, 34.

Texas. Merida de Yucatan.

17. ERAX DASCYLLUS.

Asilus Dascyllus, *Cat. of Diptera*, Pt. 2, 401.

18. ERAX NOTABILIS.

Mas. *Ater; abdominis latera et venter cinerea, segmenta duo apicalia albida; pedes rufi; alæ subrufescentes, dilatatæ; furca cubitalis antica ramulo nullo.*

Erax notabilis, *Macq. Dipt. Exot.* i. 2, 110, 6, pl. 9, f. 8.

North? America.

19. ERAX ARGYROGASTER.

Thorax cinereus, vittis nigris; abdomen argentum, maculis dorsalibus nigris; pedes testacei; alæ subflavescentes.

Erax argyrogaster, *Macq. Dipt. Exot. Suppl.* 1, 84, 35.

Merida, Yucatan.

Mexico.

Group 1.

Corpus longe et dense pilosum. Facies valde convexa. Mystax densissimus. Proboscis robusta, lanceolata. Thorax gibbosus, carina hirsutissima. Pedes validi, hirti, spinosi. *Mas.*—Abdomen alas non superans. Sexualia maxima. *Fœm.*—Abdomen alas longe superans, triente apicali stylata.

Cubital vein forked at very much beyond half its length; forks slightly curved, converging towards each end; fore fork forming at its base an obtuse angle, which emits no branch. First and second externo-medial veins nearly straight; third very slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at a short distance from the border. *Male.*—Wings dilated in front towards the tips; dilated part ribbed transversely.

20. Erax aper.

Piceus, nigro et ferrugineo hirtus; caput subtus albido pilosum. Mystax nigro et albido, setosus; thorax ferrugineo bivittatus; fasciculo postico albido; pectus ferrugineum; pedes nigri, tarsis basi tibiisque rufis; alæ fuscæ. Mas.—*Abdomen fascia lata alba.* Fœm.—*Abdominis latera cervina.*

Piceous. Head with whitish hairs. Mystax with black and whitish bristles. Thorax with black dorsal hairs and with testaceous bristles on each side and on the scutellum. Tarsi towards the base and tibiæ red. Wings brown; veins black. *Male.*—Abdomen with black hairs, and with some white hairs about the middle part, where there is a broad white band. *Fem.*—Abdomen with testaceous hairs. Length of the body 7—10 lines; of the wings 15—16 lines.

a, b. Mexico. From Mr. Glennie's collection.

West Indies.

A. Pedes nigri.
  A. Thorax nigro quadrivittatus. - - - Caudex, *Walk.*
  B. Thorax nigro trivittatus. - - - - invarius, *Walk.*
B. Tibiæ fulvæ.
  A. Mystax niger, albido mixtus.
    a. Alæ flavescentes. - - - - - rufitibia, *Macq.*
    b. Alæ limpidæ, apice subfuscescentes. - fortis, *Walk.*
  B. Mystax albus. - - - - - - Haitensis, *Macq.*
C. Tibiæ tarsique testacea. - - - fulvibarbis, *Macq.*
D. Pedes pallidi; femora ex parte, tibiæ apice tarsique nigra. Halæsus, *Walk.*

Group 1.

Caput subtus densissime pilosum. Facies valde convexa. Mystax dense setosus. Proboscis valida, lanceolata. Antennarum articulus 3us longiconicus, 1o brevior, aristæ dimidio multo brevior. Thorax hirtus. Abdomen subpubescens, basi hirtum, alas superans. Pedes validi, hirti, spinosi. *Mas.*—Sexualia maxima. *Fœm.*—Abdomen triente apicali stylata.

Radial vein almost straight, joining the subcostal at rather far from the tip of the latter. Cubital forked at very much beyond half its length; the forks very slightly curved, slightly converging at each end. First, second and third externo-medial veins slightly curved; third forming an obtuse angle with the præbrachial, joining the

fourth far from the border. *Male.*—Branch of the fore fork of the cubital vein shorter than the basal side of the angle. *Fem.*—Branch shorter than the angle.

Erax Caudex, *Walk.*

Group 2.

Mas. Corpus mediocre, robustum, hirtum. Caput subtus, densissime pilosum. Facies valde convexa. Mystax densissimus. Proboscis lanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us longiconicus, 1o multo brevior; arista 3o triplo longior. Thoracis latera parce setosa. Abdominis dimidium basale pilosum. Sexualia maxima, subtus hirsutissima. Pedes validi, pilosi, spinosi.

Wings ribbed and slightly dilated in front along the stigma. Cubital vein forked at very much beyond half its length; forks hardly undulating; fore fork forming near its base an obtuse angle, which emits a very minute rudimentary vein. First and second externo-medial veins almost straight; third hardly curved, forming a nearly right angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some little distance from the border.

Erax fortis, *Walk.*

Group 3.

Mas. Corpus sat gracile, vix hirtum. Caput subtus pilosum. Facies convexa. Mystax setis paucis. Proboscis sublanceolata. Thoracis latera et scutellum parce setosa. Abdomen alas superans. Sexualia magna. Pedes validi, parce spinosi; femora subpilosa.

Radial vein as usual. Cubital vein forked at very much beyond half its length; forks slightly curved, converging more towards the base than towards the tips; fore fork emitting at its base a slightly obtuse angle, which emits a branch; the latter is not more than half the length of the basal side of the angle. Externo-medial veins nearly straight; third forming a hardly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Erax Halœsus, *Walk.*

21. Erax Caudex.

Asilus Caudex, *Cat. of Diptera*, Pt. 2, 404.

22. Erax invarius.

Erax invarius, *Diptera Saundersiana*, Pt. 2, 131.

Jamaica.

23. Erax rufitibia.

Fœm. *Ater; mystax niger, albido mixtus; thorax albo lineatus; abdomen incisuris lateribusque cinereis, segmento ultimo albo; tibiæ fulvæ: alæ flavescentes.*

Erax rufitibia, *Macq. Dipt. Exot. Suppl.* 3, 27, 42, pl. 2, f. 11.

St. Domingo. Rio Negro.

24. Erax fortis.

Mas. *Niger, cinereo tomentosus; caput subtus albidum alboque pilosum; mystax albo pilosus, setis nonnullis superioribus nigris; thorax vittis tribus latis nigris; abdominis segmenta posteriora marginibus posticis testaceis; tibiæ fulvæ, apice nigræ; tarsi subtus rufescentes; alæ limpidæ, apices versus subfuscescentes.*

Male. Black, with cinereous tomentum. Head whitish and thickly clothed with white hairs beneath. Mystax white, excepting a few black bristles on the higher part. Thorax with three broad black stripes, the lateral pair interrupted. Fourth, fifth and sixth abdominal segments with testaceous hind borders. Legs with white hairs, and with black and white spines; tibiæ tawny, with black tips; tarsi piceous at the base, reddish beneath. Wings limpid, very slightly brownish towards the tips and along part of the hind borders; veins black, tawny towards the base. Halteres tawny, with blackish knobs. Length of the body 7 lines; of the wings 9 lines.

a. St. Domingo. From Mr. Hearne's collection.

25. Erax Haitensis.

Mas. *Ater; mystax albus; thorax lineis cinereis; tibiæ fulvæ; alæ flavescentes*, maris *dilatatæ, venæ cubitalis furca antica simplici.*

Erax Haitensis, *Macq. Dipt. Exot. Suppl.* 3, 28, 45, pl. 2, f. 10.

St. Domingo.

26. Erax fulvibarbis.

Fœm. *Niger; facies et frons luteæ; thorax fulvus, vittis nigris; abdomen maculis lateralibus albis; tibiæ tarsique testacea; alæ subfuscæ, basi costaque limpidæ.*

Erax fulvibarbis, *Macq. Dipt. Exot. Suppl.* 3. 28, 44, pl. 2, f. 13.

St. Domingo.

27. Erax Halœsus.

Asilus Halœsus, *Cat. of Diptera*, Pt. 2, 405.

Jamaica.

South America.

A. Alæ fuscæ aut subfuscæ.
  A. Pedes toti nigri.
    a. Venæ cubitalis furca antica ramulum non rejiciens.
      a. Alæ subdilatatæ. - - - fulvithorax, *Macq.*
      b. Alæ non dilatatæ. - - - - culiciformis, *Walk.*
    b. Venæ cubitalis furca antica ramulum rejiciens.
      a. Thorax fulvus nigro quadrivittatus.
        i. Abdominis latera alba. - - - Lades, *Walk.*
        ii. Abdominis latera nigra. - - Parphorus, *Walk.*
      b. Thorax canus, nigro bivittatus. - - dilectus, *Walk.*
  B. Pedes nigri; tibiæ pallidæ, apice nigræ.
    a. Tibiæ nigro non vittatæ.
      a. Thorax niger. - - - subappendiculatus, *Macq.*
      b. Thorax ferrugineus, vittis quatuor nigris. Potamon, *Walk.*
      c. Thoracis discus fuscus, vittis tribus cinereis. commiles, *Walk.*
    b. Tibiæ nigro vittatæ. - - - - Amphissa, *Walk.*
  C. Pedes nigri; tibiæ pallidæ.
    a. Alæ albo non strigatæ.
      a. Thorax fuscus. - - - - obscurus, *Macq.*
      b. Thorax cinereus, vittis nigris. - nigrimystaceus, *Macq.*
      c. Thorax fulvidus, vittis nigris. - fuscipennis, *Macq.*
    b. Alarum venæ albido limbatæ. - - singularis, *Macq.*
  D. Pedes rufi; femora supra, tibiæ posticæ intus tarsique nigra. rufipes, *Macq.*
  E. Femora et tibiæ fulva, apice nigra. - Mygdon, *Walk.*
  F. Pedes fulvi; tarsi nigri.
    a. Mystax supra niger, subtus flavidus. heteropterus, *Macq.*
    b. Mystax albidus. - - - - rufithorax, *Macq.*

B. Alæ flavæ aut flavescentes.
A. Pedes nigri (*E. maculatus*, var. Femora tibiæque supra testacea).
a. Thorax non vittatus.
a. Thorax niger. - - - - griseus, *Guérin.*
b. Thorax cinereus. - - - maculatus, *Macq.*
b. Thorax schisticolor, nigro vittatus. - - tristis, *Wied.*
c. Thorax cinerascens, nigro vittatus. - - nigrinus, *Wied.*
d. Thorax lineis albidis. - - - - minor, *Macq.*
B. Pedes picei. - - - - - - - striola, *Fabr.*
C. Pedes nigri; femora tibiæque intus testacea.
flavianalis, *Macq.*
D. Pedes nigri; femora apice, tarsi basi tibiæque rubida.
a. Abdominis segmenta duo apicalia nivea.
pyrrhogonus, *Wied.*
b. Abdominis segmenta tria apicalia nivea. medianus, *Wied.*
E. Pedes mellei; femora supra, tibiæ tarsique postica fusca.
virilis, *Wied.*
F. Pedes rufescentes; femora supra nigro-fusca.
eurylabis, *Wied.*
G. Pedes nigri; tibiæ fulvæ apice nigræ, anticæ intus nigræ.
flavo-fasciatus, *Wied.*
H. Pedes nigro-fusci; tibiæ rufescentes, apice nigræ.
lascivus, *Wied.*
I. Pedes nigri; tibiæ pallidæ.
a. Thorax vittis nigris.
a. Fœminæ abdomen incisuris subargenteis.
labidophorus, *Wied.*
b. Fœminæ abdomen marginibus fulvis. Bondyllis, *Walk.*
b. Thorax vittis fuscis. - - - - fuscus, *Wied.*
J. Pedes fulvi; femora apice nigra; tibiæ posticæ fuscescentes.
copulatus, *Wied.*
K. Pedes rufi. - - - - - - - flavidus, *Macq.*
L. Pedes flavi. - - - - - - - mellinus, *Wied.*
a. Antennarum articulus 3us simplex.
b. Antennarum articulus 3us basi bilobus. nodicornis, *Wied.*
C. Alæ cinereæ. - - - - - - - velox, *Wied.*
D. Alæ hyalinæ, apice flavescentes aut rufescentes.
a. Femora nigra. - - - - - - stylatus, *Fabr.*
b. Femora rufa. - - - - - - simplex, *Macq.*
E. Alæ limpidæ, venis subcostalibus apice fusco limbatis.
melanacrus, *Wied.*
F. Alæ hyalinæ aut subhyalinæ.

A. Antennæ nigræ.
- A. Thorax cinerascens, vittis fuscis. - - senilis, *Wied.*
- B. Thorax flavidus, vittis fuscis. - - flavidus, *Wied.*
- C. Thorax niger. - - - - - hyalipennis, *Macq.*
- D. Thorax cinereus, nigro vittatus.
  - *a.* Femora apice tibiæque fulva. - - parvus, *Walk.*
  - *b.* Tibiæ intus basi fulvæ. - - - pumilus, *Walk.*

B. Antennæ fulvæ, apice nigræ.
- A. Pedes nigri. - - - - - Sicyon, *Walk.*
- B. Pedes ferruginei. - - - - Stimicon, *Walk.*

Group 1.

Mas. Corpus parvum. Caput subtus dense pilosum. Facies valde convexa. Mystax dense setosus. Proboscis linearis. Antennarum articulus 1us 2o plus duplo longior; 3us longiconicus; 4o brevior; arista 3o plus triplo longior. Thorax abdominis dimidio longior, utrinque et postice setosus. Abdomen subcylindricum, basi usque ad sexualia subattenuatum, alas superans. Sexualia maxima; forceps brevis, latissimus. Pedes robusti, spinosi, subtus pubescentes.

Cubital vein forked at a little beyond half its length; forks nearly straight, diverging from each other at their tips; fore fork forming near its base an obtuse angle, which emits no branch; first and second externo-medial veins nearly straight; third curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some distance from the border.

Erax culiciformis, *Walk.*

Group 2.

Fœm. Corpus parce hirtum. Caput subtus densissime pilosum. Facies valde convexa. Mystax densissime setosus. Proboscis lanceolata. Thoracis latera et scutellum parce setosa. Abdomen alas longe superans, triente apicali stylata. Pedes validi, spinosi, pilosi.

Cubital vein forked at beyond half its length; forks very slightly undulating, most remote from each other about the middle part; fore fork forming at its base a slightly obtuse angle, which emits a branch; the latter is a little longer than the basal side of the angle. First, second and third externo-medial veins nearly straight; third forming a slightly obtuse angle with the præbrachial, joining

the fourth far from the border. Subanal joining the anal near the border.

Erax Lades, *Walk.*

Group 3.

Fœm. Corpus vix mediocre. Caput subtus densissime pilosum. Facies convexa. Mystax setis paucis. Proboscis gracilis, linearis. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o vix brevior; arista 3o multo longior. Thorax abdominis dimidio longior, setis nonnullis lateralibus et posticis. Abdomen oblanceolatum, alas vix superans, apice compressum et acuminatum, non stylatum. Pedes robusti, spinosi, pubescentes.

Cubital vein forked at much before half its length; fore fork forming at its base an almost right angle, the latter emitting a branch, which is nearly twice the length of the basal side of the angle; hind fork slightly curved. First and second externo-medial veins nearly straight; third curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border; subanal joining the anal at a short distance from the border.

Erax dilectus, *Walk.*

Group 4.

Corpus gracile, vix hirtum. Caput subtus dense pilosum. Facies convexa. Mystax setis sat paucis. Proboscis gracilis, linearis. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o vix brevior; arista 3o paullo longior. Thoracis latera et scutellum parce setosa. Abdomen alas vix superans. Pedes sat graciles, parce setosi, vix hirti. *Mas.*—Sexualia mediocria. *Fœm.*—Abdominis quinties apicalis compressa, non stylata.

Cubital vein forked at before half its length; forks nearly parallel to each other; fore fork very slightly curved, inclined forward at its tip, forming at its base an obtuse and rounded angle, which emits no branch; hind fork nearly straight. First and second externo-medial veins nearly straight; third slightly curved, forming a very obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Erax Amphissa, *Walk.*

This species appears to be on the limits of the genus *Erax*, and may be an *Eristicus* of Loew

Group 5.

Mas. Corpus parce et breviter hirtum. Caput subtus dënsissime pilosum. Facies valde convexa. Mystax dense setosus. Proboscis sublanceolata. Antennarum articulus 1us 2o duplo longior; 3us longiconicus, 1o brevior; arista 3o plus duplo longior. Thoracis latera et scutellum parce setosa. Abdomen alis paullo longius. Sexualia maxima, hirta. Pedes robusti, breviusculi, spinosi, parce hirti.

Cubital vein forked at beyond half its length; forks hardly curved, very slightly converging at each end; fore fork emitting at its base a slightly obtuse angle, which emits a branch; the latter is as long as the basal side of the angle. First, second and third externo-medial veins nearly straight; third forming an almost right angle with the præbrachial, joining the fourth very far from the border. Subanal joining the anal very near the border.

Erax obscurus, *Macq.*

Group 6.

Corpus crassum, vix hirtum. Caput subtus dense pilosum. Facies convexa. Mystax setis plurimis. Proboscis lanceolata. Antennarum articulus 1us 2o fere duplo longior; 3us lanceolatus, 1o æqualis; arista 3o multo longior. Thoracis latera et scutellum setis nonnullis. Abdomen alas non superans. Pedes robusti, spinosi, breviter hirti. *Mas.*—Sexualia mediocria. *Fœm.*—Abdomen apice compressum, non stylatum.

Cubital vein forked at much before half its length; forks approaching much nearer each other towards the base than towards the tips; fore fork nearly straight, forming at its base a slightly obtuse angle, which emits a branch; the latter is much longer than the basal side of the angle. First and second externo-medial veins nearly straight; third slightly curved, forming an almost right angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal rather near the border.

This is one of the least typical groups of *Erax*.

Erax striola, *Fabr.*

Group 7.

Mas. Corpus vix hirtum. Caput subtus densissime pilosum. Facies convexa. Mystax parce setosus. Proboscis sublanceolata.

Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o æqualis; arista 3o paullo longior. Thoracis latera et scutellum parce setosa. Abdomen alas paullo superans. Sexualia mediocria. Pedes robusti, hirti, spinosi.

Cubital vein forked at before half its length; fore fork nearly straight, forming at its base a nearly right angle, which emits a branch; the latter is nearly twice the length of the basal side of the angle; hind fork slightly curved, approaching the fore fork at each end. First and second externo-medial veins nearly straight; third slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Erax flavo-fasciata, *Wied.*

Group 8.

Fœm. Corpus parce hirtum. Caput subtus densissime pilosum. Facies sat convexa. Mystax dense setosus. Proboscis linearis. Antennarum articulus 1us 2o duplo longior; 3us longiconicus, 1o brevior; arista 3o fere duplo longior. Thoracis latera parce setosa. Abdomen alis longius, triente apicali stylata.

Cubital vein forked at much beyond half its length; forks hardly curved, slightly approaching each other at the base and near the tips; fore fork forming at its base a slightly obtuse angle, which emits a branch; the latter is not longer than the basal side of the angle. First, second and third externo-medial veins almost straight; third forming a nearly right angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Erax lascivus, *Wied.*

Group 9.

Fœm. Corpus parce pubescens, non hirtum. Caput subtus densissime pilosum. Facies valde convexa. Proboscis linearis. Antennarum articulus 1us 2o plus duplo longior; 3us longiconicus, 1o multo brevior; arista 2o triplo longior. Thoracis latera et scutellum setis paucis. Abdomen alas superans, triente apicali stylata. Pedes robusti, spinosi, parce hirti.

Cubital vein forked at beyond half its length; forks very slightly curved, slightly converging at each end; fore fork forming at its base an obtuse angle, which emits a branch; the latter is about as long as the basal side of the angle. First, second and third externo-medial veins nearly straight; third forming a very slightly obtuse

angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Erax Bardyllis, *Walk.*

In this species, as in some others, the basal side of the angle of the fore fork of the cubital is occasionally double, and the third externo-medial vein is continued across the fourth to the border.

Group 10.

Fœm. Corpus vix hirtum. Caput subtus densissime pilosum. Facies valde convexa. Mystax dense setosus. Proboscis robusta, lanceolata. Antennarum articulus 1us 2o duplo longior; 3us longiconicus, 1o brevior; arista 3o fere triplo longior. Thoracis latera et scutellum parce setosa. Abdomen alas superans, triente apicali stylata. Pedes robusti, spinosi, parce hirti.

Cubital vein forked at rather beyond half its length; forks very slightly curved, approaching much nearer each other towards the base than towards the tips; fore fork forming at its base a hardly obtuse angle; the latter emitting a branch which about equals it in length. First and second externo-medial veins almost straight; third very slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal close to the border.

Erax fuscus, *Wied.*

Group 11.

Corpus sat gracile, parce hirtum. Caput subtus densissime pilosum. Facies valde convexa. Mystax densissime setosus. Proboscis linearis. Antennarum articulus 1us 2o plus duplo longior; 3us longiconicus, 1o brevior; arista 3o triplo longior. Thoracis latera et scutellum parce setosa. *Mas.*—Abdomen alas vix superans. Sexualia magna. *Fœm.*—Abdomen alas paullo superans, triente apicali stylata.

Cubital vein forked at very much beyond half its length; forks hardly undulating, approaching each other at the base and near the tips; fore fork forming at its base a slightly obtuse angle, which emits a branch; the latter is not longer than the basal side of the angle. First and second externo-medial veins nearly straight; third hardly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border of the wing. Subanal joining the anal very near the border.

Erax stylatus, *Fabr.*

Group 12.

Mas. Corpus sat dense hirtum. Caput subtus densissime pilosum. Facies valde convexa. Mystax dense setosus. Antennarum articulus 1us 2o plus duplo longior; 3us longiconicus, 1o brevior; arista 3o triplo longior. Thoracis latera et scutellum parce setosa. Abdomen alas superans. Sexualia magna. Pedes robusti, spinosi, breviter hirti.

Cubital vein forked at much beyond half its length; forks very slightly curved, converging towards the base, and more slightly towards the tips; fore fork forming at its base a very slightly obtuse angle, which emits a branch; the latter is longer than the basal side of the angle. First, second and third externo-medial veins hardly curved; third forming an almost right angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Erax senilis, *Wied.*

Group 13.

Fœm. Corpus robustum. Caput subtus valde pilosum. Facies convexa. Mystax dense setosus. Proboscis linearis, sat gracilis. Antennarum articulus 3us longiconicus, 1o æqualis, arista brevior. Thorax parce setosus. Abdomen nudum, oblanceolatum, apice compressum, non stylatum, alas vix superans. Pedes validi, spinosi, non hirti.

Cubital vein forked at much before half its length; forks near each other and parallel towards the base, slightly converging and curved forwards at the tips; fore fork forming at its base a right angle, which emits a branch; the latter is much longer than the basal side of the angle. First and second externo-medial veins almost straight; third slightly curved, forming a right angle with the præbrachial, joining the fourth near the border. Subanal joining the anal near the border.

Erax Sicyon, *Walk.*

28. Erax fulvithorax.

Ater; thorace cervinus, nigro vittatus; abdominis segmenta duo apicalia nivea (mas.) *aut incisuris albidis* (fœm.); *alæ fuscanæ, paullo dilatatæ.*

Erax fulvithorax, *Macq. Dipt. Exot.* i. 2, 113, 13.

Allied to A. pyrrhogonus, *Wied.*

Brazil. Guiana.

29. Erax culiciformis.

Mas. *Ater; caput et thorax ferrugineo tomentosa; caput subtus albo pilosum; mystax supra niger; subtus testaceus; thorax vittis tribus subconnexis nigris; abdomen fasciis duabus integris, una basali altera subapicali, duabusque intermediis interruptis argenteis; pedes subtus albido subpubescentes; alæ fuscæ.*

Male. Deep black. Head and thorax with ferruginous tomentum. Head clothed beneath with white hairs. Mystax with black bristles above and with testaceous bristles below. Disk of the thorax black, with two very slender and indistinct ferruginous stripes. Abdomen with four silvery bands, first and fourth entire, second and third interrupted. Legs partly and thinly clothed beneath with whitish down. Wings brown. Halteres testaceous. Length of the body 6 lines; of the wings 8 lines.

a. Tapayos, Brazil. From Mr. Bates' collection.

30. Erax Lades.

Asilus Lades, *Cat. of Diptera*, Pt. 2, 403.

Brazil.

31. Erax Parphorus.

Erax Parphorus, *Diptera Saundersiana*, Pt. 2, 127.

Colombia.

32. Erax dilectus.

Fœm. *Caput et thorax picea, albido tomentosa; caput subtus albo pilosum; mystax supra niger, subtus albidus; thorax piceo vittatus; abdomen atrum, fasciis quinque interruptis albis, 4a minima, 5a latissima; pedes picei, albo pubescentes, spinis nigris; alæ subcinereæ.*

Fem. Head and thorax piceous, with whitish tomentum. Head with white hairs beneath. Mystax with black upper bristles and whitish lower bristles. Thorax with two piceous stripes, which are connected hindward. Abdomen deep black, with five interrupted white bands; first, second, third and fifth bands broad; second and third deeply indented in front; fourth very slender; fifth occupying the whole length of the sixth segment. Legs piceous, with white down; spines black. Wings slightly grayish. Halteres testaceous, with piceous knobs. Length of the body 7 lines; of the wings 10 lines.

a. Santarem, Brazil. From Mr. Bates' collection.

33. ERAX SUBAPPENDICULATUS.

Mas. *Ater; abdominis segmenta quatuor apicalia argentea; tarsi anteriores tibiæque rufa; alæ subfuscæ, paullo dilatatæ, venæ cubitalis furca antica ramulum rejiciens brevissimum.*

Erax subappendiculatus, *Macq. Dipt. Exot.* i. 2, 114, 16.

Brazil.

34. ERAX POTAMON.

Erax Potamon, *Diptera Saundersiana*, Pt. 2, 128.

South America.

35. ERAX COMMILES.

Erax commiles, *Diptera Saundersiana*, Pt. 2, 132.

South America.

36. ERAX AMPHISSA.

Asilus Amphissa, *Cat. of Diptera*, Pt. 2, 406.

Brazil.

37. ERAX OBSCURUS.

Fœm. *Fuscus; abdominis incisuræ albidæ; pedes nigri, tibiis obscure testaceis; alæ subfuscæ.*

Erax obscurus, *Macq.*

Parà.

38. ERAX NIGRIMYSTACEUS.

Mas. *Niger; thorax cinereus, vittis nigris; abdominis segmenta tria postica alba; tibiæ testaceæ; alæ paullo dilatatæ, vena cubitalis furca antica ramulum rejiciens brevissimum.*

Erax nigrimystaceus, *Macq. Dipt. Exot. Suppl.* 2, 41, 40.

Guadeloupe.

39. ERAX FUSCIPENNIS.

Fœm. *Fuscus; mystax niger; thorax fulvidus, vittis nigris; pedes nigri, tibiis testaceis; alæ fuscæ; venæ cubitalis furca antica ramulum non rejiciens.*

Erax fuscipennis, *Macq. Dipt. Exot. Suppl.* 2, 40, 38.

Brazil.

40. ERAX SINGULARIS.

Mas. *Ater; abdominis segmenta duo apicalia albida; alæ dilatatæ, fuscanæ, venis albido limbatis.*

Erax singularis, *Macq. Dipt. Exot.* i. 2, 111, 8, pl. 9, f. 10.

Brazil.

41. ERAX RUFIPES.

Fœm. *Gracilis, ater, cinereo pubescens; thorax vittis nigris; pedes rufi, femoribus supra, tibiis posticis intus tarsisque nigris; alæ subfuscæ.*

Erax rufipes, *Macq. Dipt. Exot.* i. 2, 112, 10.

Brazil.

42. ERAX MYGDON.

Erax Mygdon, *Diptera Saundersiana*, Pt. 2, 127.

South America.

43. ERAX HETEROPTERUS.

Mas. *Niger; mystax supra niger, subtus flavidus; thorax cinereus, vittis nigris; abdomen incisuris albidis; pedes fulvi; alæ fuscanæ, areola cubituli 1a clausa.*

Erax heteropterus, *Macq. Dipt. Exot. Suppl.* i. 83, 33, pl. 8, f. 6.

New Grenada. Cold Region.

44. ERAX RUFITHORAX.

Fœm. *Niger; mystax albidus; thorax cinereus, vittis nigris; abdomen incisuris cinereis; pedes fulvi, tarsis nigris; alæ fuscanæ.*

Erax rufithorax, *Macq. Dipt. Exot. Suppl.* 1, 82, 31.

Brazil.

45. ERAX GRISEUS.

Mas. *Ater; abdominis incisuræ cinereæ, segmenta duo apicalia albida; alæ subflavescentes, dilatatæ; venæ cubitalis furca antica ramulum non rejiciens.*

Asilus griseus, *Guérin, Zool. Voy. Duperrey.*
Erax griseus, *Macq. Dipt. Exot.* i. 2, 115, 78.

Chili.

46. Erax maculatus.

Cinereus; abdominis segmenta 2um et 3um macula laterali, 4um 5umque incisuris, 6um 7umque tota albida; pedes nigri; alæ flavidæ.

Var. β. *Femora tibiæque supra testacea.*

Allied to Erax striola, *Wied.*

Erax maculatus, *Macq. Dipt. Exot.* i. 2, 111, 9, pl. 9, f. 6.

Guiana, Columbia, Guadeloupe.

47. Erax tristis.

Fœm. *Niger; thoracis vittæ interstitiis schisticoloribus; abdominis incisuræ et maculæ mediæ segmentorum penultimorum albidæ; alæ flavescentes.*

Asilus tristis, *Wied. Auss. Zweifl.* i. 470, 69.

Brazil.

48. Erax nigrinus.

Cinerascens; antennæ et pedes nigra; thorax nigro vittatus; abdomen nigrum, incisuris albis; alæ flavescentes.

Asilus nigrinus, *Wied. Dipt. Exot.* i. 197, 28; *Auss. Zweifl.* i. 462, 56.

Brazil.

49. Erax minor.

Fœm. *Niger; mystax subtus albus; thorax lineis albidis; abdomen incisuris albis; alæ subflavescentes; venæ cubitalis furca antica ramulum non rejiciens.*

Erax minor, *Macq. Dipt. Exot. Suppl.* 2, 41, 39.

Brazil.

50. Erax striola.

Cinerascens; antennæ nigræ; thorax vitta unica fusca antice divisa; abdomen nigrum, segmento singulo maculis utrinque basi canis apice flavidis; pedes picei aut nigro-picei; alæ flavescentes.

Dasypogon striola, *Fabr. Syst. Antl.* 172, 38.

Asilus striola, *Wied. Dipt. Exot.* i. 199, 31; *Auss. Zweifl.* i. 464, 58.

Brazil.

51. Erax flavianalis.

Mas. *Ater; abdominis incisuræ albæ, segmentum ultimum album, anus lateribus flavis; femora tibiæque intus testacea; alæ subflavescentes, apice cinereæ, venæ externo-mediæ furca antica ramulum rejiciente, venis externo-mediis 3a et 4a conjunctis.*

Erax flavianalis, *Macq. Dipt. Exot. Suppl.* 3, 26, 41.

Minas Geraes.

52. Erax? pyrrhogonus.

Niger; thorax vittarum interstitiis cervinis; abdomen maris *segmentis duobus apicalibus niveis*, fœm. *incisuris albidis; femora apice, tarsi basi tibiæque rubida; alæ flavescentes.*

Asilus pyrrhogonus, *Wied. Auss. Zweifl.* i. 472, 71.

Brazil.

53. Erax medianus.

Mas. *Niger; thorax interstitiis vittarum cervino-flavidis; abdominis segmenta tria apicalia nivea; femora apice, tarsi basi tibiæque rubida; alæ flavescentes.*

Asilus medianus, *Wied. Auss. Zweifl.* i. 473, 73.

Brazil.

54. Erax virilis.

Fuscus; abdominis incisuræ canescentes; pedes mellei, femoribus supra tibiis tarsisque posticis fuscis; alæ flavescentes, apice saturatiores.

Asilus virilis, *Wied.*

Brazil.

55. Erax eurylabis.

Mas. *Cinereus; antennæ fuscæ; thoracis discus fuscus, vittatus; abdomen maculis maximis trigonis; forceps analis latissimus, rubidus; pedes rubidi; alæ flavescentes.*

Asilus eurylabis, *Wied. Auss. Zweifl.* i. 469, 67.

Brazil.

56. Erax flavo-fasciatus.

Fœm. *Thorax cinerascens, nigro vittatus; abdomen nigrum; fasciis lateribusque læte flavis; pedes nigri; tibiæ fulvæ apice nigræ, anticæ intus nigræ*

Asilus flavo-fasciatus, *Wied.*

Brazil.

57. ERAX LASCIVUS.

Fœm. *Cinereus; thorax fusco vittatus; abdomen nigrum, albido fasciatum; pedes nigri, tibiis rubidis apice nigris; alæ flavescentes.*

Asilus lascivus, *Wied.*

Brazil.

Var. Asilus Amarynceus, *Cat. of Diptera*, Pt 2, 400.

58. ERAX LABIDOPHORUS.

Niger; thorax vittis cervino separatis; tibiæ ferrugineæ; abdomen maris *basi utrinque flavido hirtum segmentis duobus apicalibus subargenteis*, fœm. *incisuris anguste marginibus lateralibus late subargenteis flavido hirtis; alæ saturate flavidæ.*

Asilus labidophorus, *Wied.*

Brazil.

59. ERAX BARDYLLIS.

Asilus Bardyllis, *Cat. of Diptera*, Pt. 2, 401.

Brazil.

60. ERAX FUSCUS.

Fuscus; thoracis vitturum interstitiæ cinereæ; abdominis incisuræ albicantes, segmento ante forcipem albo; tibiæ rubidæ; alæ flavescentes.

Asilus fuscus, *Wied.*

Brazil.

61. ERAX COPULATUS.

Cinerascens; mystax niger; antennæ nigræ; thorax fusco vittatus; pedes rubidi, femoribus apice nigris; alæ subflavescentes.

Asilus copulatus, *Wied. Zool. Mag.* iii. 48, 10; *Dipt. Exot.* i. 192, 18; *Auss. Zweifl.* i. 457, 50.

62. ERAX FLAVIDUS.

Flavidus; antennæ pedesque rufa; alæ flavescentes, venæ cubitalis furca antica ramulum rejiciens brevissimum.

Erax flavidus, *Macq. Dipt. Exot.* i. 2, 114, 15.

Brazil.

63. Erax mellinus.

Cervinus; antennæ, abdomen et pedes mellea; thorax fusco vittatus; alæ subflavescentes.

Asilus mellinus, *Wied. Auss. Zweifl.* i. 465, 60.

Monte Video.

64. Erax? nodicornis.

Mas. *Cinereus; antennæ nigro-fuscæ, articulo 3o melleo basi bilobo; thorax vittis fuscescentibus; abdomen fuscescens; pedes flavescentes; alæ subflavescentes.*

Asilus nodicornis, *Wied. Auss. Zweifl.* i. 469, 66.

Brazil.

65. Erax velox.

Mas. *Niger; thorax cervinus, vittis nigris; abdominis segmentum 2um utrinque albidum, 6um et 7um nivea; alæ cinereæ.*

Asilus velox, *Wied. Auss. Zweifl.* i. 468, 64.

Pernambuco.

66. Erax stylatus.

Fœm. *Cinerascens; thorax nigro vittatus; abdomen segmentis singulis macula maxima nigra; tibiæ rufæ; alæ limpidæ, apice flavescentes.*

Asilus stylatus, *Fabr.*

Brazil.

67. Erax simplex.

Fœm. *Ater, cinereo pubescens; mystax albidus; thorax lineis nigris; abdominis incisuræ cinereæ; pedes fulvi, tarsis nigris; alæ subhyalinæ, venæ cubitalis furcæ antica ramulum nullum rejiciens.*

Erax simplex, *Macq. Dipt. Exot. Suppl.* 3, 27, 43, pl. 2, f. 14.

Rio Negro.

68. Erax melanacrus.

Fœm. *Flavidus; mystax albus; antennæ nigræ; thorax nigro vittatus; abdomen fuscum, albido fasciatum; pedes flavi, femoribus apice nigris; alæ limpidissimæ, venis subcostalibus apice fusco limbatis.*

Asilus melanacrus, *Wied. Auss. Zweifl.* i. 472, 72.
Brazil.

69. ERAX SENILIS.

Cinerascens; thorax vittis fuscis; abdomen nigricans, incisuris lateribusque late albis; pedes nigri; alæ limpidæ. Mas.—*Abdomen apice argenteum.*

Asilus senilis, *Wied.*
Monte Video.

70. ERAX FLAVIDUS.

Fœm. *Pallide flavidus; antennæ nigræ; thorax fusco vittatus; abdomen utrinque albidum; pedes fusci, tibiis flavescentibus apice fuscis; alæ limpidæ, vix flavescentes.*

Asilus flavidus, *Wied. Auss. Zweifl.* i. 473, 74.
Brazil.

71. ERAX HYALIPENNIS.

Mas. *Ater; abdominis segmenta duo apicalia argentea; alæ hyalinæ, venæ cubitalis furca antica ramulum non rejiciens.*

Erax hyalipennis, *Macq. Dipt. Exot.* i. 2, 114, 17.
Brazil.

72. ERAX PARVUS.

Fœm. *Obscure cinereus, mystace antennisque nigris; thorax vittis dhabus dorsalibus maculisque lateralibus nigris; abdomen nigrum, segmentis cano late fasciatis, triente apiculi stylata; pedes nigri, femoribus apice tibiisque fulvis; alæ hyalinæ, vix subcinereæ; halteres testacei.*

Dark cinereous. Head and pectus hoary. Head clothed beneath with white hairs. Face very convex. Mystax not thick, with black bristles, and towards the mouth with whitish bristles. Third joint of the antennæ long, conical, a little shorter than the first; arista nearly thrice the length of the third joint. Thorax and base of the abdomen with a few bristles on each side. Thorax with two black dorsal stripes and with six lateral black spots. Abdomen with a broad hoary band on the hind border of each segment; apical third part stylate. Legs black, stout, spinose, slightly hairy; tibiæ and tips of the femora tawny. Length of the body 6 lines; of the wings 8 lines.

a, *b*. Santarem, Brazil. From Mr. Bates' collection.

73. Erax pumilus.

Cinereus; caput albo pilosum; mystax albidus, setis paucis supra nigris; thorax nigro trivittatus; abdomen supra nigrum, maculis lateralibus trigonis canis; tibiæ intus basi fulvæ; alæ subhyalinæ.

Cinereous. Head white and clothed with white hairs behind and beneath. Mystax with many whitish bristles, above which are a few black bristles. Thorax with three blackish stripes, the lateral pair interrupted. Abdomen black above; hind borders of the segments with triangular white spots on each side. Tibiæ tawny towards the base on the inner side. Wings nearly limpid. *Male.*—Abdomen almost twice the length of the thorax; two subapical segments silvery white. Sexualia of moderate size. *Fem.*—Stylate part of the abdomen shining. Length of the body 6 lines; of the wings 10 lines.

a, *b*. Vera Cruz. From M. Sallé's collection.

74. Erax Sicyon.

Asilus Sicyon, *Cat. of Diptera*, Pt. 2, 399.

Brazil.

75. Erax Stimicon.

Erax Stimicon, *Diptera Saundersiana*, Pt. 2, 129.

Colombia.

Africa.

A. Abdomen vittatum. - - - - algirus, *Linn.*
B. Abdomen non vittatum. - - - - femoralis, *Wied.*

76. Erax? algirus.

Rubidus; antennæ fulvæ; mystax albus; thorax vittis saturatioribus; abdomen fuscanum, vittis tribus obsoletis nigellis; pedes badii, pilis setisque albis; alæ limpidæ.

Asilus algirus, *Linn. Syst. Nat.* 2, 1006, 2. *Fabr. Ent. Syst.* iv. 376, 3; *Syst. Antl.* 153, 3. *Wied. Dipt. Exot.* i. 196, 27; *Auss. Zweifl.* i. 461, 55.

Algeria.

77. ERAX? FEMORALIS.

Cinereus; antennæ et pedes rufescentes; thorax vittâ et utrinque puncto fuscis; femora nigro vittata; alæ limpidæ, venæ cubitalis furca postica et vena externo-media la conjunctis.

Asilus femoralis, *Wied. Auss. Zweifl.* i. 466, 61.

Egypt.

Asia.

A, Abdomen nigrum.
A. Abdomen maculatum. - - - - Sinensis, *Macq.*
B. Abdomen non maculatum.
A. Pedes toti nigri. - - - - - integer, *Macq.*
B. Femora et tibiæ subtus rufa. - - Curiatius, *Walk.*
B. Abdomen rufum. - - - - rufiventris, *Macq.*

Group 1.

Mas. Corpus parce pilosum. Caput subtus dense pilosum. Facies valde convexa. Mystax sat dense setosus. Proboscis sublinearis. Thoracis latera et scutellum parce setosa. Abdomen longi-oblanceolatum, thorace multo angustius et plus duplo longius. Sexualia magna. Pedes robusti, setosi, parce hirti.

Radial as usual. Cubital vein forked at half its length; fore fork hardly curved, forming an obtuse and rounded angle at its base; hind fork very slightly undulating. First and second externo-medial veins nearly straight; third slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Erax Curiatius, *Walk.*

78. ERAX SINENSIS.

Fœm. *Ater; thorax cinereus, nigro vittatus; abdominis segmenta 2um 3um 6umque albido maculata; alæ fuscanæ.*

Erax Sinensis, *Macq. Dipt. Exot.* i. 2, 108, 2.

China.

79. ERAX INTEGER.

Fœm. *Niger; mystax albidus; thorax cinereo tomentosus, vittis nigris; alæ subhyalinæ, venæ cubitalis furca antica ramulum non rejiciens.*

Erax integer, *Macq. Dipt. Exot. Suppl.* 1, 81, 30.
Manilla.

80. ERAX CURIATIUS.

Asilus Curiatius, *Cat. of Diptera*, Pt. 2, 432.
Nepaul.

81. ERAX RUFIVENTRIS.

Fœm. *Ater; abdomen rufum, ano nigro; tibiæ anteriores externe testaceæ; alæ fuscæ.*

Erax rufiventris, *Macq. Dipt. Exot.* i. 2, 108, 1.
Bengal.

Australia.

A. Alæ nigræ, fuscæ aut subfuscæ.
  A. Pedes ferrugineo-rubidi.
    a. Abdomen nigrum.
      a. Thorax fuliginosus. - - - Belzebul, *Wied.*
      b. Thorax cinereus nigro trivittatus. - annulipes, *Macq.*
    B. Abdomen flavidum. - - - - - Hercules, *Wied.*
  B. Femora nigra.
    A. Thorax rufo-cinereus. - - - - Salomon, *Macq.*
    B. Thorax auratus. - - - - fuscipennis, *Macq.*
B. Alæ subflavescentes. - - - - varimystaceus, *Macq.*

82. ERAX BELZEBUL.

Thorax fuliginosus; abdomen nigrum; pedes ferruginosi-rubidi; alæ fuscæ, antice dilatatæ.

Asilus Belzebul, *Wied. Auss. Zweifl.* i. 425, 1.
Erax Belzebul, *Macq. Dipt. Exot.* i. 2, 109, 3.

Asilus plicatus? *Wied.*

New Holland.

83. ERAX ANNULIPES.

Fœm. *Cinereus; mystax albo flavescens, setis nonnullis nigris; barba alba; arista apice subincrassata; thorax vittis tribus nigris, intermedia divisa; abdomen nigrum, segmentorum marginibus posticis cinereis; pedes fulvi, femoribus posterioribus apice tarsisque nigris; alæ subfuscescentes, venis fusco marginatis.*

Erax annulipes, *Macq. Dipt. Exot. Suppl.* 1, 83, 32, pl. 8, f. 8.
New Holland.

84. ERAX HERCULES.

Mas. *Niger; thorax cinereus, vittis nigricantibus; abdomen flavidum; pedes ferruginosi; femoribus tibiisque apice nigris; alæ flavescentes, plaga fuscana.*

Asilus Hercules, *Wied. Auss. Zweifl.* i. 425, 2.
Erax Hercules, *Macq. Dipt. Exot. Suppl.* 1, 82, 425, 2.
Sydney Island, &c.

85. ERAX SALOMON.

Mas. *Ater; thorax rufo-cinereus, nigro vittatus; abdominis latera albida, segmentis tribus apicalibus argenteis; pedes rufi, femoribus tarsisque posticis nigris; alæ subfuscæ, dilatatæ.*

Erax Salomon, *Macq. Dipt. Exot.* i. 2, 110, 5; *Suppl.* 1, 82.
Port Praslim, Solomon Isles.

86. ERAX FUSCIPENNIS.

Mas. *Ater; thorax aureus, nigro vittatus; tibiæ testaceæ; alæ fuscanæ.*

Erax fuscipennis, *Macq. Dipt. Exot.* i. 2, 109, 4.
New Holland.

87. ERAX VARIMYSTACEUS.

Fœm. *Mystax setis nigris albisque; thorax cinereus, vittis nigris; abdomen nigrum lateribus incisurisque cinereis; tibiæ testaceæ; alæ subflavescentes, venæ cubitalis furca antica ramulum non rejiciens.*

Erax varimystaceus, *Macq. Dipt. Exot. Suppl.* 2, 40, 37.
New Holland.

Country unknown.

A. Alæ fuscæ.
A. Tibiæ rufæ.
a. Thorax cinereus, vittis nigris. - inappendiculatus, *Macq.*
B. Thorax ferrugineus aut piceus.
a. Furca cubitalis antica ramulum rejiciens. Malis, *Walk.*

b. Furca cubitalis antica ramulo nullo. - robustus, *Walk.*
B. Tibiæ nigræ. - - - - - - Marcinus, *Walk.*
B. Alæ fulvæ aut flavescentes.
A. Pedes nigri. - - - - - - - - nervosus, *Macq.*
B. Femora nigra. - - - - - - - asper, *Walk.*
C. Femora rufa, nigro vittata.
A. Alæ subfulvæ, apice cinereæ. - - - Leon, *Walk.*
B. Alæ fulvæ. - - - - - - - concolor, *Walk.*
D. Tibiæ luteæ, apice nigræ. - - - - nitidus, *Wied.*

Group 1.

Fœm. Corpus gracile, parum hirtum. Caput subtus dense pilosum. Facies convexa. Mystax raro setosus. Proboscis linearis. Antennarum articulus 1us 2o triplo longior; 3us sublinearis, 1o æqualis; arista 3o paullo longior. Thoracis latera et scutellum setis paucis. Abdomen alas non superans, apice compressum, acuminatum. Pedes sat graciles, fere nudi, parce spinosi.

Radial vein very slightly curved, joining the subcostal near the tip of the latter. Cubital forked at about half of its length; fore fork forming at its base a nearly right angle, which emits a branch much shorter than its basal side; hind fork and the first and second externo-medial veins almost straight. Third externo-medial curved, forming a slightly obtuse angle with the præbrachial, which is slightly curved, joining the fourth far from the border. Subanal joining the anal rather near the border.

This group is almost as nearly allied to *Asilus* as to the type of *Erax*.

Erax Malis.

Group 2.

Mas. Corpus breve, crassum, hirtum, sat magnum. Facies valde convexa. Mystax densissime setosus, usque ad antennas ascendens. Proboscis valida, lanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us longiconicus, 1o brevior; arista 3o plus duplo longior. Thorax cristatus. Abdomen thorace multo longius, alas non superans. Sexualia maxima. Pedes crassi, hirti, spinosi, breviusculi.

Wings slightly dilated in front at two-thirds of the length. Cubital vein forked at very much beyond half its length; forks diverging, then converging, and again diverging at the tips. First and second externo-medial veins nearly straight; third hardly

curved, forming an almost right angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal rather near the border.

Erax robustus, *Walk.*

Group 3.

Caput subtus densissime pilosum. Facies valde convexa. Mystax densissime setosus. Proboscis linearis. Thorax parce hirtus, lateribus scutelloque subsetosis. Pedes validi, parce spinosi; femora subtus dense et breviter spinosa.

Radial vein almost straight, joining the subcostal very far from the tip of the latter. Cubital vein forked at beyond half its length; fork very slightly curved, slightly converging towards each end; fore fork joining the subcostal close to the tip of the latter, forming at its base a slightly obtuse angle, which emits a branch; the latter is nearly twice the length of the basal side of the angle. First and second externo-medial veins nearly straight; third slightly curved, forming an almost right angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Erax Marcinus, *Walk.*

Group 4.

Mas. Corpus magnum, hirtum. Caput subtus densissime pilosum. Facies convexa. Mystax densissime setosus, fere ad antennas ascendens. Proboscis lanceolata. Abdomen sublineare, alas vix superans. Sexualia magna, lamellis duabus cochleariformibus; forceps maximus. Pedes robusti, hirti, spinosi.

Male. Radial vein as usual. Cubital vein forked at very much beyond half its length; forks undulating, nearer each other in the middle than towards each end; fore fork not angular nor emitting a branch. First externo-medial vein much curved at its base; second straight; third curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal close to the border.

Erax Leon, *Walk.*

88. Erax inappendiculatus.

Mas. *Ater; thorax cinereus, nigro vittatus; abdominis latera albida; segmenta duo apicalia alba; tibiæ ruſæ, apice nigræ; alæ fuscæ, subdilatatæ, venæ cubitalis furca antica ramulum non rejiciens.*

Erax inappendiculatus, *Macq. Dipt. Exot.* i. 2, 119, 29.

89. ERAX MALIS.

Asilus Malis, *Cat. of Diptera*, Pt. 2, 432.

90. ERAX ROBUSTUS.

Mas. *Niger; mystax supra niger, subtus testaceus; thorax piceo tomentosus, vittis ferrugineus; tibiæ luteæ, apice nigræ; alæ fuscescentes.*

Male. Black, clothed with black hairs. Mystax with black upper bristles, and with testaceous lower bristles. Thorax with piceous tomentum and with indistinct ferruginous stripes. Tibiæ luteous, clothed with testaceous hairs; tips black. Wings brownish. Halteres tawny. Length of the body 9 lines; of the wings 13 lines.

a. ———?

91. ERAX MARCINUS.

Asilus Marcinus, *Cat. of Diptera*, Pt. 2, 404.

92. ERAX NERVOSUS.

Mas. *Ater; abdominis segmenta duo apicalia albida; alæ subflavescentes, dilatatæ, inappendiculatæ, venis rufo-fusco marginatæ.*

Erax nervosus, *Macq. Dipt. Exot.* i. 2, 118, 28.

93. ERAX ASPER.

Erax asper, *Diptera Saundersiana*, Pt. 2, 130.

94. ERAX LEON.

Asilus Leon, *Cat. of Diptera*, Pt. 2, 402.

95. ERAX CONCOLOR.

Erax concolor, *Diptera Saundersiana*, Pt. 2, 130.

96. ERAX? NITIDUS.

Fœm. *Cinereus; antennæ et pedes nigra; thorax nigro vittatus; abdomen nigrum, albido fasciatum; tibiæ luteæ, apice nigræ; alæ flavescentes.*

Asilus nitidus, *Wied. Auss. Zweifl.* i. 466, 62.

Genus 5. APOCLEA.

Corpus non depressum nec ciliatum. Facies plana. *Maris* sexualia parva. *Fœm.* terebra corona spinosa armata. Alarum venæ cubitalis furca antica ramulum rejiciens; furca postica et vena externo-media la conjunctæ.

Apoclea, *Macq. Dipt. Exot.* i. 2, 119. *Loew, Linn. Ent.* iii. 395, 403.

1. APOCLEA PALLIDA.

Fœm. *Pallide-cinerea; thorax vittatus; tibiæ tarsique rufa; alæ hyalinæ.*

Apoclea pallida, *Macq. Dipt. Exot.* i. 2, 119, 9, pl. 10, f. 1.

Egypt.

2. APOCLEA FUSCANA.

Mas. *Fuscana; abdominis incisuræ flavidæ; pedes antici fulvi, femoribus extus nigricantibus, tarsis fuscis; alæ flavidæ.*

Apoclea fuscana, *Macq. Dipt. Exot.* i. 2, 120, 2.

Egypt.

Genus 6. PROCTACANTHUS.

Corpus non depressum nec ciliatum. Facies vix prominens. *Maris* sexualia parva. *Fœm.* terebra longa, corona spinosa sæpissime armata. Alarum venæ cubitalis furca antica ramulum non rejiciens.

Proctacanthus, *Macq. Dipt. Exot.* i. 2, 120. *Loew, Linn. Ent.* iii. 395, 403.

Asilus, p., *Fabr.*; *Wied.*

North America.

A. Pedes badii aut castanei.
  A. Alæ sat longæ.
    A. Abdomen cinerascens. - - - - longus, *Wied.*
    B. Abdomen testaceum, flavo hirtum. - Milbertii, *Macq.*
    C. Abdomen rubido-fuscum. - - - heros, *Wied.*
    D. Abdomen nigrum, incisuris albidis. - nigriventris, *Macq.*
  B. Alæ breves. - - - - - - brevipennis, *Wied.*
B. Pedes testacei, femoribus subtus nigris. Philadelphicus, *Macq.*

Group 1.

Fœm. Corpus maximum, parce hirtum. Caput subtus densissime pilosum. Facies parum convexa. Mystax dense setosus. Proboscis crassa, lanceolata. Antennarum articulus 1us, 2o longior; 3us longiconicus, compressus, 1o multo brevior; arista 3o plus duplo longior. Thoracis latera et scutellum parce setosa. Abdomen oblanceolatum pilosum, apicem versus cylindricum, thorace triplo longius. Pedes validi, spinosi, hirti.

Cubital vein forked at half its length; fore fork forming a nearly right angle at its base; hind fork slightly curved. First externo-medial slightly curved near its base; second straight; third much curved, joining an obtuse angle with the præbrachial, joining the fourth rather far from the border. Subanal joining the anal at some distance from the border.

Proctacanthus heros, *Wied.*

Group 2.

Fœm. Corpus sat gracile. Caput subtus pilosum. Facies apud epistoma subconvexa. Mystax setis plurimis. Proboscis valida, lanceolata. Antennarum articulus 3us longiconicus, 1o non longior; arista 3o multo longior. Thoracis latera parce setosa. Abdomen oblanceolatum, fere nudum, alas longe superans, thorace triplo longius. Pedes validi, breviter spinosi, non pilosi.

Wings rather short. Cubital vein forked at beyond half its length; fore fork forming an obtuse angle at its base, nearly straight from thence to its tips; hind fork slightly curved, approaching the fore fork at each end. First, second and third externo-medial veins nearly straight; third forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal on the border.

Proctacanthus brevipennis, *Wied.*

1. Proctacanthus longus.

Fuscanus; abdomen cinerascens; pedes subbadii; alæ flavidæ.

Asilus longus, *Wied. Dipt. Exot.* i. 183, 1; *Auss. Zweifl.* i. 426, 3.
Proctacanthus longus, *Macq. Dipt. Exot.* i. 2, 123, 6.

Georgia. Brazil.

2. PROCTACANTHUS MILBERTII.

Rubidus; thorax nigro trivittatus; abdominis segmenta limbo postico fuscano; pedes castanei; alæ fusco-flavæ.

Proctacanthus Milbertii, *Macq. Dipt. Exot.* i. 2, 124, 8.

North America.

3. PROCTACANTHUS HEROS.

Mas. *Rubido-fuscus; mystax flavescens; antennæ ferruginea, articulo 3o nigro-fusco; thorax quadrivittatus; abdomen fulvo hirtum, basi utrinquè nigro hirtum; pedes ferruginosi; alæ flavescentes.*

Asilus heros, *Wied.*

Kentucky.

4. PROCTACANTHUS NIGRIVENTRIS.

Mas. *Rubidus; thorax nigro vittatus; abdomen nigrum incisuris albidis; pedes castanei; alæ subfuscæ.*

Proctacanthus nigriventris, *Macq. Dipt. Exot.* i. 2, 124, 9.

Philadelphia and Carolina.

5. PROCTACANTHUS BREVIPENNIS.

Mas. et Fœm. *Cinereus, certo situ rubens; antennæ nigræ; mystax albidus, setis nonnullis nigris; thorax vitta media latissima nigra; pedes subbadii, femoribus antice nigris; alæ subflavescentes, breves.*

Asilus brevipennis, *Wied. Auss. Zweifl.* i. 431, 10.

Kentucky.

6. PROCTACANTHUS PHILADELPHICUS.

Nigra; thorax fuscus vittatus; abdominis segmenta ultima cinerea; pedes testacei, femoribus subtus nigris; alæ fuscæ.

Proctacanthus Philadelphicus, *Macq. Dipt. Exot.* i. 2, 123, 7.

Philadelphia.

West Indies.

7. PROCTACANTHUS RUFIVENTRIS.

Castaneus; thorax nigro trivittatus; abdomen rubidum, basi nigrum; pedes testacei, tarsis postivis nigris; alæ fusco-flavæ.

Proctacanthus rufiventris, *Macq. Dipt. Exot.* i. 2, 123, 5; pl. 10, f. 2.

St. Domingo. Honduras.

South America.

A. Thorax niger.
  A. Abdomen nigrum apice album. - - barbatus, *Fabr.*
  B. Abdomen fulvum. - - - - Antidomus, *Walk.*
B. Thorax cinereus.
  A. Abdomen rufum. - - - - Coprates, *Walk.*
  B. Abdomen cinereum.
    A. Antennæ testaceæ. - - - - rubricornis, *Macq.*
    B. Antennæ nigræ. - - - - - mystaceus, *Macq.*
C. Thorax cinereus, vittis ferruginosis. - macrotelus, *Walk.*
D. Thorax canus. - - - - - vetustus, *Walk.*
E. Thorax pallidus, vittis nigris.
  A. Abdomen plus minusve nigrum.
    a. Alæ fuscanæ. - - - - aurolineatus, *Macq.*
    b. Alæ flavæ. - - - - - flavipennis, *Macq.*
  B. Abdomen totum pallidum.
    a. Abdomen fulvum. Alæ subfulvæ. - Daraps, *Walk.*
    b. Abdomen fuscum. Alæ fuscæ. - - Hagno, *Walk.*
F. Thorax ferrugineus, vittis tribus pallidioribus. basifascia, *Walk.*

Group 1.

Mas. Corpus magnum, dense pubescens. Caput subtus densissime pilosum. Facies parum convexa. Mystax parce setosus, antennas attingens. Proboscis crassa. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o æqualis; arista 1o fere duplo longior. Thoracis latera parce setosa. Scutellum et abdomen basi dense pilosa. Abdomen alas vix superans. Sexualia magna. Pedes validi, setosi, dense pubescentes.

Radial vein as usual. Cubital forked at half its length; forks very slightly curved, nearly parallel to each other, near together for one-fourth of the length from the base, more remote from thence to the tips; first externo-medial vein curved near the base; second

straight; third curved, forming a slightly obtuse angle with the præbrachial, joining the fourth rather far from the border. Subanal joining the anal rather far from the border.

Proctacanthus Antidomus, *Walk.*

Group 2.

Mas. Corpus magnum, parum pubescens. Caput subtus densissime pilosum. Facies parum convexa. Mystax densissime setosus et pilosus, antennas attingens. Proboscis crassa, lanceolata, subarcuata. Thoracis latera et scutellum raro setosa. Abdomen oblanceolatum, alas non superans. Sexualia parva. Pedes robusti, spinosi, pubescentes.

Radial vein as usual. Cubital vein forked at beyond half its length; fore fork nearly straight, curved at its base; hind fork curved, approaching the fore fork towards each end. First and second externo-medial veins straight; third very slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal far from the border.

Proctacanthus rufiventris, *Macq.*; P. Coprates, *Walk.*

Group 3.

Fœm. Corpus magnum, gracile, tomentosum. Caput subtus dense pilosum. Facies plana. Mystax vix dense setosus. Proboscis crassa, lanceolata, recta. Antennarum articulus 1us 2o longior, 3us longiconicus compressus, 1o multo brevior; arista articulo 3o plus duplo longior. Thorax setis nonnullis lateralibus et posticis. Abdomen oblanceolatum, thorace plus duplo longius, alas longe superans, basim versus pilosum; dimidium fere apicale cylindricum, lævе, nitens. Pedes sat graciles, parce spinosi, vix hirti.

Cubital vein forked at a little before half its length; fore fork nearly straight; hind fork curved. First externo-medial vein slightly curved near its base; second straight; third curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Proctacanthus macrotelus, *Walk.*; P. basifascia, *Walk.*

Group 4.

Fœm. Corpus magnum. Caput subtus densissime pilosum. Facies convexa. Mystax densissime hirtus. Proboscis valida, arcuata. Thorax tomentosus, parce hirtus, setis paucis lateralibus et posticis. Pectus et abdomen basi pilosa. Abdomen oblanceola-

tum, thorace multo longius, alas non superans. Pedes robusti, hirti, spinosi.

Cubital vein forked at rather before half its length; fore fork almost straight; hind fork curved; first externo-medial slightly curved at its base; second straight; third curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Proctacanthus vetustus, *Walk.*

Group 5.

Characters like those of *Proctacanthus heros.*

Proctacanthus Daraps, *Walk.*; P. Hagno, *Walk.*

8. PROCTACANTHUS BARBATUS.

Niger; mystax flavido albus, supra niger; barba alba; thorax rubro vittatus; abdomen apice album; pedes castaneo fusci, tibiis posticis albidis; alæ flavescentes.

Asilus barbatus, *Fabr. Ent. Syst.* iv. 379, 12; *Syst. Antl.* 155, 7. *Wied. Dipt Exot.* i. 187, 9; *Auss. Zweifl.* i. 439, 22.

Proctacanthus barbatus, *Macq. Dipt. Exot.* i. 2, 122, 4.

Brazil. Guiana. Cayenne.

9. PROCTACANTHUS ANTIDOMUS.

Asilus Antidomus, *Cat. of Diptera*, Pt. 2, 408.

Brazil.

10. PROCTACANTHUS COPRATES.

Asilus Coprates, *Cat. of Diptera*, Pt. 2, 409.

Brazil.

11. PROCTACANTHUS RUBRICORNIS.

Cinereus; antennæ testaceæ; pedes subbadii; alæ flavo-fuscæ.

Proctacanthus rubricornis, *Macq. Dipt. Exot.* i. 2, 122, 3.

Brazil.

12. PROCTACANTHUS MYSTACEUS.

Fœm. *Cinereus; mystax albidus; antennæ pedesque nigra; thorax vittis fuscis; abdomen apice nigrum; tibiæ testaceæ; alæ rufescente cinereæ.*

Proctacanthus mystaceus, *Macq. Dipt. Exot. Suppl.* 1, 86, 11, pl. 8, f. 10.

New Grenada.

13. PROCTACANTHUS MACROTELUS.

Fœm. *Cinereus; caput albidum, subtus albo pilosum; thorax vittis duabus dorsalibus interlineatis maculisque sex lateralibus obliquis ferruginosis; abdominis dimidium fere apicale rufum nitidum; pedes rufi, femoribus posticis nigris; alæ subhyalinæ.*

Asilus macrotelus, *Walk.*

Gorrite.

14. PROCTACANTHUS VETUSTUS.

Fœm. *Canus; caput subtus, pectus et abdomen basi densissime albo pilosa; antennæ, abdomen et pedes nigra; abdominis segmenta 4um, 5um et 6um apexque subtus rufa; alæ limpidæ.*

Asilus vetustus, *Walk.*

Gorrite.

15. PROCTACANTHUS AUROLINEATUS.

Mas. *Niger; thorax flavus, vittis nigris; alæ fuscanæ.*

Proctacanthus aurolineatus, *Macq. Dipt. Exot. Suppl.* 1, 86, 12, pl. 8, f. 9.

New Grenada.

16. PROCTACANTHUS FLAVIPENNIS.

Mas. *Testaceus; mystax flavidus; thorax vittis nigris; abdomen basi nigricans; pedes testacei; alæ flavæ.*

Proctacanthus flavipennis, *Macq. Dipt. Exot. Suppl.* 1, 85, 10.

Colombia.

17. PROCTACANTHUS DARAPS.

Asilus Daraps, *Cat. of Diptera*, Pt. 2, 416.

Brazil.

18. PROCTACANTHUS HAGNO.

Asilus Hagno, *Cat. of Diptera*, Pt. 2, 417.

Brazil.

19. PROCTACANTHUS BASIFASCIA.

Mas. et fœm. *Ferrugineus; caput testaceum, mystace barbaque concoloribus; antennæ piceæ; thorax vittis tribus pallidis; abdomen cervinum, basi nigro fasciatum, apice rufo badium; pedes rufo badii; alæ subcinereæ, fusco subnebulosæ.* Fœm.—*Abdominis latera nigro vittata.*

Ferruginous. Head testaceous. Mystax and beard whitish testaceous, the former ascending to the antennæ. Antennæ piceous. Thorax with three slender dull testaceous stripes. Abdomen fawn-colour, with testaceous hairs towards the base, which has a blackish band; tip dark red. Legs dark red, with black spines and claws. *Fem.*—Abdomen with a blackish stripe along each side. Length of the body 7—10 lines; of the wings 14—16 lines.

a, *b*. Santarem, Brazil. From Mr. Bates' collection.

Arabia.

20. PROCTACANTHUS NIVEUS.

Albo pubescens; alæ albæ.

Proctacanthus niveus, *Macq. Dipt. Exot.* i. 2, 121, 1.

Arabia.

Australia.

A. Abdomen cyaneo-nigrum. - - - Durvillei, *Macq.*
B. Abdomen cinereum, apicem versus nigrum, subtus fulvum. posticus, *Walk.*

Group 1.

Fœm. Corpus parvum. Caput subtus pilosum. Mystax sat dense pilosus. Proboscis robusta, sublinearis. Antennarum articulus 1us 2o longior; 3us lanceolatus, 1o multo longior; arista crassa, brevissima.

P. Posticus, *Walk.*

21. PROCTACANTHUS DURVILLEI.

Fœm. *Ater; thorax flavido pubescens, nigro trivittatus; abdomen cyaneo-nigrum; tibiæ testaceæ.*

Proctacanthus Durvillei, *Macq. Dipt. Exot.* i. 2, 121, 2.

New Holland.

22. Proctacanthus posticus.

Fœm. *Cinereus; caput subtus albidum alboque pilosum; mystax pallide testaceus; antennæ nigræ; thorax nigro obsolete trivittatus; abdomen segmentis 5o et 6o supra nigris subtus fulvis, apice rufo; pedes fulvi, nigro vittati; alæ cinereo marginatæ.*

Fem. Cinereous. Head whitish and clothed with white hairs beneath. Mystax pale testaceous. Antennæ black. Thorax with two indistinct parallel blackish stripes. Pectus with a testaceous stripe on each side. Abdomen oblanceolate, more than twice the length of the thorax, extending very much beyond the wings, reddish beneath and at the tip; fifth and sixth segments black above, tawny beneath. Legs tawny, with whitish down and spines; femora and tibiæ with black stripes on the outer side; tarsi piceous. Wings gray; disks nearly limpid. Halteres testaceous. Length of the body 5½ lines; of the wings 6 lines.

a. Melbourne, Australia. From Mr. Baly's collection.

Country unknown.

A. Femora supra nigra. - - - - - Icadius, *Walk.*
B. Femora postica nigra. - - - - Ogulinus, *Walk.*

Group 1.

Antennarum arista articulo 3o non longior.

Characters like those of *Proctacanthus heros*, but with the arista not longer than the third joint of the antennæ.

23. Proctacanthus Icadius.

Asilus Icadius, *Cat. of Diptera*, Pt. 2, 421.

24. Proctacanthus Ogulinus.

Asilus Ogulinus, *Cat. of Diptera*, Pt. 2, 421.
Proctacanthus Icadius. Var.?

Genus 7. ASILUS.

Corpus maximum, magnum, aut mediocre, elongatum, hirsutum, non dilatatum, nec ciliatum, color sæpissime niger, hirsutie subcinerea, nonnunquam luteum, aut metallicum. Proboscis valida, lanceolata. Antennæ arista elongata. Tibiæ spinosæ;

tarsi non incrassati; onychia conspicua. Alarum vena radialis subcostali ad apicem convexa; venæ cubitalis furca antica simplex. *Mas.*—Sexualia mediocria aut parva, cauda forficata cornea. *Fœm.* —Abdomen stylis duabus apicalibus corneis acuminatis.

Asilus p., *Linn.; Deg., Fabr.; Gmel.; Schr.; Latr.; Meig.; Fall.; Wied.; Zett.*
Asilus et Lophonotus, *Macq.*
Asilus, *Loew; Zell.*

Europe and Asia Minor.

Synopsis of the European Groups.

A. *Fœm.* Oviductus compressus.
A. Thorax usque ad marginem anticum setosus. 1. Lophonotus.
B. Thorax usque ad medium setosus.
a. Lamellæ anales ovatæ, contractæ. - - 2. Eutolmus.
b. Lamellæ anales fere stylatæ, non contractæ.
a. Mas. Abdominis segmentum 8um margine postico dilatato. 3. Machimus.
b. Mas. Abdominis segmentum 8um margine postico non dilatato.
i. Pedes flavescentes, nitidi. - - 4. Mochtherus.
ii. Pedes nigri aut pallidi, obscuri.
* Abdominis latera nigra, nitidissima. 5. Stilpnogaster.
** Abdominis latera non nigro nitida.
† Corpus flavido-cinereum, aut cano-cinereum. Pedes fulvo strigati aut cincti, obscuri, in *A. arthritico* nigro-cinerei, unicolores. 6. Epitriptus.
†† Corpus plus minusve nigro cinereum. Pedes nigri; tibiæ plerumque fulvæ.
‡ *Mas.* Sexualia incrassata, clavata. 7. Itamus
‡‡ *Mas.* Sexualia non incrassato clavata.
§ *Mas.* Sexualia supra conspecta plus minusve acuminata. - - - - 8. Tolmerus.
§§ *Mas.* Sexualia plus minusve obtusa. 9. Cerdistus.

B. *Fœm.* Oviductus non compressus.
A. Abdominis incisuræ setis nullis.
a. Barba tenuiter pilosa. - - - 10. Antiphrisson.
b. Barba plerumque rude pilosa.
a. Abdomen pilis longis vagis. - - 11. Pamponerus.

b. Abdomen tenuiter pilosum.
i. Corpus magnum, pilosum, nigro varium. 12. Asilus.
ii. Corpus parvum, nigro-cinereum. - 13. Rhadiurgus.
B. Abdominis incisuræ setosæ.
A. Metatarsi anteriores breves. - - 14. Echthistus.
B. Metatarsi anteriores sat longi.
a. *Fœm*. Sexualia incrassato clavata. - 15. Antipalus.
b. *Fœm*. Sexualia obconica, apice spinosa. 16. Philonicus.

Section I.

Group I. Lophonotus.

Fœm. Sexualia compressa.

Oviduct compressed.

Corpus mediocre, obscure cinereum, setosum, mediæ magnitudinis. Mystax longus, densus. Thorax setoso cristatus. Abdomen carinatum, incisuris setosis. *Mas*.—Abdominis segmentum 8um subtus dilatatum.

Asilus, p.
Lophonotus, *Macq*.
Asilus Lophonotus, *Loew*, *Linn. Ent*. iii. 423.

Div. I.

Thoracis crista dense hirta.

1. Asilus cristatus.

Nigricans; facies et barba alba; mystax albo-nigroque varius; thoracæ setis nigris cristatus, albo lineatus; abdomen carinatum; pedes nigri; alæ limpidæ; halteres fulvi.

Asilus cristatus, *Meig.*; *Hoffm.*; *Zweifl*. ii. 322, 24.

Portugal.

Div. II.

Thoracis crista parce hirta.

Sub-div. I.

Mystax antennas non attingens. Antennarum articulus 3us gracilis, linearis. Metatarsi antici et intermedii sat breves. *Fœm*.—Oviductus longus, tenuis, acuminatus.

2. ASILUS PUNCTIPENNIS.

Cinereus; facies et barba albæ; mystax albo-nigroque varius; thorax vitta fusca gemina; abdomen carinatum, maculis fuscis micantibus; alæ hyalinæ, venis transversis apiceque infuscatis; halteres fusci.

Asilus punctipennis, *Hoffm.*; *Meig.*

Middle Europe. Italy.

3. ASILUS TENUICORNIS.

Niger; mystax niger; thorax pilis longioribus nigris brevioribus albidis; abdomen superius pallide, inferius nigro pilosum; alæ limpidæ.

Asilus tenuicornis, *Loew*, *Linn. Ent.* iii. 426, 3.

Chios. Ephesus.

4. ASILUS NUBECULA.

Niger; mystax niger; thorax nigro pilosus; abdomen cinereum; alæ limpidæ, tantum apice pallide sed distincte infumatæ.

Asilus nubecula, *Loew*, *Linn. Ent.* iii. 428, 4.

Smyrna.

Sub-div. II.

Mystax antennas attingens, supra rarior. Antennarum articulus 3us mediocriter latus. Metatarsi antici et intermedii sat longi. *Fœm.*—Oviductus trigonus, vix elongatus.

I. Femora antica subtus calcarata, necnon setis solitis armata.

5. ASILUS SETIGER.

Niger; mystax supra niger, subtus albo flavescens; thorax nigro hirtus; abdomen albo flavescente pilosum et setosum; genua distincte rufescentia; femora antica subtus setis minus validis armata; alæ limpidæ, apicé margineque postico cinereæ. Mas.—*Forceps analis apice obtusatus.* Fœm.—*Oviductus angustus, basi minus compressus.*

Asilus setiger, *Loew*, *Linn. Ent.* iii. 431, 5.

Smyrna, Ephesus.

6. Asilus spiniger.

Niger ; mystax supra niger, subtus albo flavescens ; thorax nigro hirtus ; abdomen albo flavescente pilosum et setosum ; femora antica subtus setis validissimis armata ; alæ fusco-cinereæ, basi et antice flavo tinctæ. Mas.—*Forceps analis apice acuminatus.* Fœm.—*Oviductus latus valde compressus.*

Asilus spiniger, *Zeller*, *Isis*, 1840, 70, 21. *Loew*, *Linn. Ent.* iii. 433, 6.

Asilus fuscipennis? *Meig. Zweifl.* ii. 337, 50.

II. Femora antica subtus pilosa, non calcarata.

7. Asilus furcipula.

Mystax supra niger, subtus albo flavescens ; thorax vittatus, nigro hirtus ; abdomen nigro-cinereum, incisuris pallide cinereis ; pedes omnino nigri ; alæ fuscanæ. Mas.—*Forceps analis magnus, acutus, simplex, apice valde productus, nigro pilosus.* Fœm.—*Oviductus latus, subtrigonus, inferius nigro pilosus.*

Asilus furcipula, *Loew*, *Linn. Ent.* iii. 443, 9, 51, 8. *Zeller*, *Isis*, 1840, 68, 20.

Asilus mixtus, *Loew*, *Isis*, 1840, 443, 9, 548.

North and Middle Europe.

8. Asilus trigonus.

Cinerascens ; facies et barba albæ ; mystax albo-nigroque varius ; thorax vittis fuscis confluentibus, media lata ; abdomen carinatum, incisuris albis, maculis dorsalibus trigonis fuscis, setis ante incisuras perlongis ; alæ subfuscescentes, apice non infuscatæ ; halteres sordide flavi. Mas.—*Forceps analis valde minutus, simplex.* Fœm. — *Oviductus latissimus, margine superiore concavo, inferiore convexo.*

Asilus trigonus, *Meig.*

North, Middle and South Europe.

9. Asilus tricuspis.

Asilus trigono *affinis ; abdomen maculis obscuris subtrigonis setisque ante incisuras longis ; alæ apice infuscatæ.* Mas.—*Forceps analis magnus, obtusatus, apice tricuspis.* Fœm.—*Oviductus latus, subtrigonus, inferius albido pilosus.*

Asilus tricuspis, *Loew, Linn. Ent.* iii. 446, 9.
Asia Minor and the Isles of Greece.

10. ASILUS BASALIS.

Fœm. *Cinereo-fuscus; mystax magnus, pilis nigris flavidisque varius; tibiæ a basi ad quartam usque partem rufo-testaceæ, alæ subcinereæ, apice margineque postico obscuriores; oviductus latus subtrigonus, subtus flavido pilosus, lamellis apice acute mucronulatis.*

Asilus basalis, *Loew, Linn. Ent.* iii. 450, 10.
Switzerland.

11. ASILUS BIFURCUS.

Cinereo-fuscus; mystax nigro-flavidoque varius, vix usque ad mediam faciei partem productus; thorax parce pilosus; tibiæ basi distincte rufæ, intermediæ extus longitudinaliter testaceæ; alæ subcinereæ, apice margineque postico paullo obscuriores. Mas. — *Forceps analis permagnus, apice bidentatus, dente superiore majore retrorsum recurvato.* Fœm.—*Oviductus latissimus, obtusus, lamina inferiore latissima apice rotundata.*

Asilus bifurcus, *Loew*.
Austria. Hungary. Upper Italy.

12. ASILUS APICULATUS.

Cinereus; mystax setis nigris albidisque varius, paullo ultra mediam faciei partem extenso; tibiæ omnes basi anguste rufæ; alæ limpidæ, apice margineque postico subcinereæ. Mas.— *Forceps analis magnus, obtusatus, margine apicis reflexo subapiculatus.* Fœm.—*Oviductus subtrigonus, inferius ad basim pallide pilosus.*

Asilus apiculatus, *Loew, Linn. Ent.* iii. 457, 12.
Mermeriza, Valley of the Xanthus. Asia Minor.

Group 2. EUTOLMUS.

Corpus obscure cinereum, statura mediocri. Mystax densus. Thoracis vitta intermedia dimidio postico tantum setoso. Pedes obscuri, femora plerumque rufescentia. *Mas.*—Sexualia parva, non tumida, nec compressa; forceps analis simper simplex, aut

incisura tantum apud marginem posticum parva plus minusve semicirculari. *Fœm.*—Oviductus latiusculus, non perlongus; lamellæ ovales aut ellipticæ, non elongatæ, nec stylatæ.

Eutolmus, *Loew*, *Linn. Ent.* iii.

Div. I.

Femora antica subtus non spinosa.

13. Asilus rufibarbis.

Flavo-cinereus; facies albido; mystax supra niger, subtus ferrugineus; barba ferruginea; thorax nigro pilosus, vittis fuscis; abdomen fuscum, incisuris pallidis; pedes nigricantes, pilis minutis adpressis fere omnibus pallidis; alæ apice posticique fuscescentes; halteres fulvi. Mas.—*Abdominis segmentum 8um margine inferiore in appendicem sat longam producto.* Fœm.—*Oviductus latissimus, apice oblique truncatus.*

Asilus rufibarbis, *Meig. Zweifl.* ii. 311, 6. *Macq. Dipt. Nord. Asil.* 29, 3. *Loew, Isis*, 1840, 541, 7; *Linn. Ent.* iii. 460, 13.
Asilus melampodius, *Zeller, Isis*, 1840, 67, 19. *Zett. Dipt. Scand.* i. 173, 8.

North and Middle Europe.

14. Asilus apicatus.

Mas. *Cinereus; mystax fere totus niger, inferius parum flavido pilosus; pedes atri, pilis minutis adpressis fere omnibus nigris; alæ limpidæ, apice fusco-cinereæ; margo inferior segmenti abdominalis octavi perparum dilatatus, ciliato pilosus.*

Asilus apicatus, *Loew*, *Linn. Ent.* iii. 464, 14.

Switzerland, Tyrol.

15. Asilus facialis.

Fœm. *Cinereus; mystax flavidus, unicolor; genæ longe descendentes; pedes nigri; alæ hyalinæ, subfuscescentes, apice obscuriores; oviductus latus, apice oblique truncatus.*

Asilus facialis, *Loew*, *Linn. Ent.* iii. 467, 15.

Ephesus.

16. Asilus pictipes.

Mas. *Cinereus; mystax supra niger, subtus albidus; pedes nigri, femorum annulo apicali, tibiarum omnium basali, intermediorum anticorumque altero subapicali, maximaque metatarsorum parte rufis; alæ limpidæ, apice margineque postico fusco-cinereæ; margo segmenti octavi inferior non dilatatus; forceps analis minutus subacutus, obscure pilosus, margine posteriore leviter exciso.*

Asilus pictipes, *Loew*, *Linn. Ent.* iii. 470, 16.

Middle Germany.

17. Asilus calopus.

Cinereus; mystax nigro-flavoque varius; pedes nigri; tibiæ melleæ, apice abrupte nigræ; alæ limpidæ, apice margineque postico obscuræ. Mas.—*Margo segmenti abdominalis 8i inferior dilatatus, ciliatus; forceps mediocris, subacutus, integer, nigro pilosus.* Fœm.—*Oviductus latus, apice oblique truncatus, lamellis apicalibus rotum dato ovatis, obtusis.*

Asilus calopus, *Loew*, *Linn. Ent.* iii. 474, 17.

Makri. Patara. Rhodes.

18. Asilus periscelis.

Fœm. *Cinereus; mystax parum setosus, ab antennis remotiusculus; pedes nigri, tibiis basi anguste sed distincte rufis; alæ limpidæ, apice striato obscuriores; oviductus breviter trigonus, lamellis apicalibus oblongo ovatis, apice obtusiusculis.*

Asilus periscelis, *Loew*, *Linn. Ent.* iii. 478, 18.

Morkan, Asia Minor.

Div. II.

Femora antica subtus spinosa.

19. Asilus polypogon.

Mas. *Cinereus; mystax densissimus, antennis subcontiguus; pedes nigri; tibiis basi late et distinctissime rufescentibus, femoribus anticis subtus setis nigris minus validis; alæ limpidæ, apice subcinereæ; forceps analis parvus, apice rotundatus, margine posteriore profunde exciso.*

Asilus polypogon, *Loew*, *Linn. Ent.* iii. 480, 19.

Ephesus.

20. Asilus excisus.

Mas. *Cinereus; facies satis angusta; mystax densus, ob antennas remotiusculus; pedes nigri; tibiæ basi utrinque extus longitudinaliter rufæ; alæ subfusco hyalinæ, apud venas obscuriores; forceps analis magnus, latus, validus, apice valde obtusatus, margine posteriore superius exciso.*

Asilus excisus, *Loew, Linn. Ent.* iii. 483, 20.

Ephesus.

21. Asilus mordax.

Cinereus; mystax flavidus, extus et superius parum niger; abdomen maculis nigris maximis in mare subquadratis, in fœmina fere semicircularibus; pedes nigri, tibiis basi rufis; alæ limpidæ, striis subcinereis. Mas.—*Forceps analis parvus simplex, apice subrotundatus, margine posteriore brevissimo simplice.* Fœm. —*Oviductus latus apice oblique truncatus, lamellis terminalibus latis, apice subacutis.*

Asilus mordax, *Loew, Linn. Ent.* iii. 485, 21.

Rhodes.

22. Asilus parricida.

Cinereus; mystax flavidus, extus parce nigro pilosus; abdomen flavidum, incisuris albidioribus; pedes castanei, interdum fere cervini, femoribus tibiisque anterius et inferius nigris; alæ limpidæ, apice margineque postico fuscescentes. Mas.— *Forceps analis vix mediocris, simplex, apice subacutus, margine posteriore simplice rotundato.* Fœm.—*Oviductus latus, apice oblique subtruncatus, lamellis terminalibus latis, apice subacutis.*

Asilus parricida, *Loew, Linn. Ent.* iii. 490, 22.

Patara.

Group 3. Machimus.

Corpus nigro-cinereum aut fusco-cinereum, statura mediocri aut minori. Facies lata. Pedes sæpissime validi; femora plus minusve incrassata, antica pilosa. *Mas.*—Sexualia nitida, mediocria, non compressa nec tumida, forcipe plerumque simplici. *Fœm.* —Oviductus acuminatus, trigonus, plerumque productus, nonnunquam ensiformis, lamellis porrectis longiusculis fere stylatis.

The species of this group are distinguished from those of *Eutolmus* by the distinct prominent almost style-shaped lamellæ on the end of the pointed ovipositor of the female, which it has in common with the species of all the following groups of the first principal division; from these last it is distinguished by the distinct widening and by the edge tip-like lengthening of the under hind border of the eighth abdominal segment of the male. The species are of black-gray or of brown-gray colour, of large or of middle size. The legs are more or less stout, the femora are more or less thickened, the anterior are marked by their more or less long and thick hairs. The legs are generally black; the tibiæ are red, the fore femora are mostly without spines beneath. The face is broad. The sexual parts of the male are shining black in all the species; of middle size, not compressed nor enlarged; the forceps are simple in most species. The ovipositor has in all the species a triangular tip, in some it is sabre-shaped, in most it is somewhat straight, but in none has it a linear figure. Most of these characters are modified in some of the species.

Div. I.

Mas. Abdominis segmentum 8um subtus in mucronem productum.

The under border of the eighth abdominal segment of the male lengthened into an edge, or with a tufted and fringe-like clothing, which has the appearance of an edge.

Subdiv. I.

Mas. et fœm. Femora antica subtus setosa.

23. Asilus cribratus.

Obscure cinereus; mystax albus; pedes nigri, femoribus tibiisque longitudinaliter piceo striatis; alæ limpidæ venis ferrugineis, apice margineque postico subcinereis venis obscurioribus. Mas.—*Forceps analis margine posteriore profunde exciso.* Fœm.—*Oviductus longus, acutus, basi minus compressus.*

Asilus cribratus, *Loew, Linn. Ent.* iv. 3, 23.

Sicily.

Subdiv. II.

Femora antica maris inermia, *fœm.* subtus setosa.

24. Asilus chrysitis.

Aurulans; facies albida; mystax supra niger, subtus albida; barba albida; thorax vittis et abdomen maculis dorsalibus fuscis; pedes ferruginei, femoribus nigricantibus superius et apice ferrugineis; alæ fuscescentes; halteres flavi.

Asilus chrysitis, *Hoffm.*; *Meig.*, *Macq. Hist. Nat. Dipt.* i. 304, 4. *Loew*, *Linn. Ent.* iv. 7, 24.

Asilus femoralis, *Zeller*, *Isis*, 1840, 49, 3.

South France. Portugal. Albania, &c.

25. Asilus fortis.

Obscure cinereus; mystax densus, magnus, niger fulvusque; pedes nigri, tibiis omnibus basi anterioribus et extus rufescentibus; alæ limpidæ, apice margineque postico cinereis. Mas.—*Penis dente intermedio lateralibus validiore et longiore.*

Asilus fortis, *Loew*, *Linn. Ent.* iv. 12, 25.

Italy. Sicily.

26. Asilus basalis.

Mas. *Obscure cinereus; mystax magnus, fulvus, setis nonnullis nigris; penis dente intermedio tenui, lateralibus breviore; pedes nigri, tibiis basi tantum rufis; alæ limpidæ, apice margineque postico subcinereis.*

Asilus basalis, *Loew*, *Linn. Ent.* iv. 16, 26.

Hungary.

Subdiv. III.

Mas. et fœm. Femora antica setis subtus nullis.

27. Asilus colubrinus.

Subcinereus; facies et mystax flavo-albida; barba alba; thorax nigro vittatus, stria humerali valde abbreviata; abdomen tessellatum; pedes nigri, setis nigris, tibiis basi anguste rufescentibus; alæ subflavescentes, apice cinereæ. Mas.—*Abdominis segmentum 8um margine inferiore valde dilatato, in laciniam distinctam vix producto.*

Asilus colubrinus, *Hoffm.*; *Meig. Zweifl.* ii. 335, 46. *Loew*, *Linn. Ent.* iv. 19, 27.

Asilus pilipes? *Meig. Zweifl.* ii. 320, 21, *mas.*
Asilus fimbriatus? *Meig. Zweifl.* ii. 320, 20, *fœm.*

South Europe.

a, *b*. England? From Mr. Stephens' collection.
c. Italy? From Dr. Leach's collection.

28. ASILUS GONATISTES.

Mas. et fœm. *Thoracis stria humeralis subintegra; pedes nigri, setis nigris, tibiis basi anguste rufescentibus; alæ limpidæ, apice margineque postico subcinereis.* Mas.—*Segmenti abdominalis 8i margo inferior in laciniam satis longam productus.*

Asilus gonatistes, *Zeller, Isis*, 1840, 65, 17. *Loew, Linn. Ent.* iv. 24, 28.

Asilus obscurus? *Meig. Zweifl.* ii. 315, 12.

Cinereus; facies albida; mystax pallidus, supra parum niger; barba flavicans; thorax fusco vittatus; abdomen maculis dorsalibus fuscis; pedes nigricantes; alæ subcinereæ; halteres flavi.

South Europe.

29. ASILUS RUSTICUS.

Flavo-cinereus; facies, mystax et barba pallida; facies satis lata; thoracis pedumque setæ fere omnes flaveseentes; thorax fusco vittatus, postice flavo pilosus; abdomen fuscum, incisuris pallidis; pedes nigro-cinerei; alæ et halteres fuscescentes.

Asilus rusticus, *Meig. Zweifl.* ii. 311, 7. *Loew, Linn. Ent.* iv. 27, 29.
Asilus genualis, *Zeller, Isis*, 1840, 62, 15.

South Europe. Italy. (Verona.)

30. ASILUS ATRICAPILLUS.

Cinereus; facies angusta alba; mystax niger; barba cinereo-alba; thorax vitta nigra; abdomen nigricans, incisuris albis; pedes nigri, femoribus tibiisque longitudinaliter fulvo striatis; alæ apice posticoque cinereo-fuscescentes; halteres fuscescentes.

Mas. *Margo inferior segmenti abdominalis 8i in laciniam apice dilatatam vel subarcuatim excisam productus.*

Asilus atricapillus, *Fall. Dipt. Asil.* 10, 5; *Meig. Zweifl.* ii. 327, 31; *Zett. Ins. Lapp.* 506, 3. *Dipt. Scand.* i. 168, 4. *Loew, Linn. Ent.* iv. 31, 30.
Asilus opacus, *Gürtl.; Meig.; Macq. Dipt.* i. 304, 6.

Cinereus; facies et barba albæ; mystax niger; thorax nigro vittatus; abdomen fusco micans, incisuris cinereis; pedes anteriores rufescentes, postici nigro-picei; alæ subcinereæ; halteres albo-fuscescentes.

a, b. England? From Mr. Stephens' collection.

Asilus calceatus, *Megerle; Meig. Zweifl.* ii. 316, 14.

Rufo-cinereus; facies albida; mystax supra niger, subtus fulvus; barba fulva; thorax fusco vittatus; abdomen fusco micans, incisuris pallidis; pedes ferruginei, femoribus fuscis; alæ subcinereæ; halteres fulvi.

a. ——— ? From Mr. Children's collection.

Asilus bicornis, *Zeller, Isis*, 1840, 56, 10.
Asilus subulatus, *Loew, Isis*, 1840, 12, 548.

Asilus rufimanus? *Megerle; Meig. Zweifl.* ii. 339, 53.

Cinereus; facies et barba albidæ; mystax niger, subtus parum albidus; thorax nigro vittatus, vitta intermedia duplicata; abdomen nigrum, incisuris albis; pedes testacei, femoribus nigris; alæ subcinereæ; halteres albidi.

Asilus plebeius? *Meig. Zweifl.* ii. 340, 55. *Macq. Hist. Nat. Dipt.* i. 306, 15.

Cinereus; facies et barba albæ; mystax supra niger, subtus albus; thorax nigro vittatus, vitta intermedia gemina; abdomen nigrum, incisuris albis; pedes nigricantes; alæ subcinereæ; halteres flavescentes.

a, b. ——— ? From Mr. Children's collection.
North and South Europe.

Div. II.

Mas. Abdominis segmentum 8um subtus vix dilatatum, hirsutum, mucronem non fingens.

Sub-div. I.

Tibiæ ex parte fulvæ.

31. Asilus dasypygus.

Alæ pure hyalinæ, apice vix levissime infuscatæ. Mas.—*Forceps validus apice obtusus, lamellis inferioribus inferius densissime scopatis.* Fœm.—*Oviductus longus angustus, apice subrecurvus.*

Asilus dasypygus, *Loew*, *Linn. Ent.* iv. 39, 31.

Sicily.

32. ASILUS ELEGANS.

Subtus albido crinitus; alæ ad apicem et marginem posteriorem distincte infuscatæ. Mas.—*Forceps vix mediocris, lamellis inferioribus apice late truncatis.* Fœm.—*Oviductus trigonus, acutus.*

Asilus elegans, *Loew*, *Linn. Ent.* iv. 42, 32.

Makri, Asia Minor.

Sub-div. II.

Pedes toti nigri.

A. Mystax setis mediis validissimis.

33. ASILUS SETIBARBUS.

Frons nigro pilosa; stria thoracis intermedia antrorsum distincte dilatata; femora antica albo pilosa. Mas.—*Forceps tenuis, acutus.*

Asilus setibarbus, *Loew*, *Linn. Ent.* iv. 45, 33.

Rhodes and the Isles of Greece, Asia Minor.

34. ASILUS THORACICUS.

Frons albido pilosa; stria thoracis intermedia lata, antrorsum vix dilatata, femora antica albo pilosa. Mas.—*Forceps sat validus, ovatus, obtusiusculus.*

Asilus thoracicus, *Loew*, *Linn. Ent.* iv. 48, 34.

Makri, Asia Minor.

35. ASILUS LUGENS.

Fœm. *Femora antica abdomenque utrinque maxima ex parte nigro pilosa.*

Asilus lugens, *Loew*, *Linn. Ent.* iv. 51, 35.

Asilus caliginosus? *Meig. Zweifl.* ii. 313, 10.

Cinereus; facies albida; mystax niger, subtus pallidus; barba pallida; thorax nigro vittatus; abdomen nigro micans; pedes picei; alæ limpidæ, apice subfuscescentes; halteres fusci.

Verona.

36. Asilus cyanopus.

Mas. *Abdominis margo lateralis maculis nitentibus nullis; segmentum octavum atrum, utrinque nitidissimum; pedes nigro-cyanei.*

Asilus cyanopus, *Loew, Linn. Ent.* iv. 53, 36.

Austria.

37. Asilus modestus.

Abdominis margo lateralis serie macularum atrarum nitentium signatus. Mas.—*Abdominis segmentum octavum nigrum, superius subopacum.*

Asilus modestus, *Loew, Linn. Ent.* iv. 55, 37.

Ephesus and Mermeriza.

Group 4. Mochtherus.

Corpus cinereum aut cinereo-flavum, majusculum, mediocre aut minus. Faciei pars convexa sæpissime minuta. Mystax setis paucis. Pedes fulvescentes, breviter hirti. *Mas.*—Sexualia sæpissime incrassata, obtusa. *Fœm.*—Oviductus valde acuminatus.

Mochtherus, *Loew, Linn. Ent.* iv. 58.

Ashy gray, yellowish gray or grayish yellow species, of rather large, middling, or small size. Legs bare, of a predominating clear and more or less reddish yellow colour, which appears and shines through the short covering of hairs. The convex part of the face is in most species very small, and but thinly beset with bristles. The ovipositor is much pointed; the sexual parts of the male are very thick and club-like, *A. castanipes* being the only exception yet known where they are small and rather pointed, but this species is only provisionally associated with the rest.

Div. I.

Femora distincte inorassata. *Mas.*—Sexualia parva, subacuminata.

38. Asilus castanipes.

Flavo-cinereus; caput et mystax flavicantia; thorax vittis badiis; stria humeralis distinctissima, leviter flexuosa; abdomen fusco micans, incisuris pallidis; pedes badii; alæ fuscescentes, apice subcinereæ; halteres fusci.

Asilus castanipes, *Meig. Zweifl.* ii. 312, 9. *Macq. Dipt. Exot.* i. 2, 137, 6. *Explor. Scient. Alg.* iii. *Ins.* 440, 73. *Loew, Linn. Ent.* iv. 58, 38.

Asilus brunnipes? *Fabr. Ent. Syst.* iv. 384, 35. *Meig. Zweifl.* ii. 331, 38. *Wied. Dipt. Exot.* i. 428, 6. *Macq. Dipt.* i. 307, 19.

Dasypogon brunnipes? *Fabr. Syst. Antl.* 170, 27.

Subcinereus; thorax fusco quadrivittatus; abdomen incisuris flavis; pedes badii; alæ subflavescentes, apice subcinereæ.

South Europe. Sardinia. North Africa.

Div. II.

Pedes graciles; femora non incrassata. *Mas.*—Sexualia crassa, tumida.

39. Asilus flavicornis.

Antennis totis flavis.

Asilus flavicornis, *Ruthe, Isis*, 1831, 1217. *Loew, Linn. Ent.* iv. 61, 39.

Asilus Olivierii? *Macq. Dipt. Exot.* i. 2, 136, 3.

Germany.

Mas. *Flavido-cinereus; antennæ fulvæ; abdomen fuscum, incisuris albidis; pedes mellei.*

Isle of Naxos.

40. Asilus flavipes.

Fœm. *Subferrugineus; caput flavicans, thorax fusco bivittatus; abdomen cinerascens, incisuris albis; pedes flavi, femoribus vitta nigra; alæ flavescentes, postice apiceque subcinereæ; halteres flavi.*

Asilus flavipes, *Megerle; Meig. Zweifl.* ii. 325, 28, *Loew, Linn. Ent.* iv. 63, 40.

Austria. Hungary.

41. Asilus mundus.

Cinerascens, antennarum articulis 1us et 2us pedesque flavi.

Asilus mundus, *Loew, Linn. Ent.* iv. 65, 41.

Asilus analis? *Macq. Dipt. Exot.* i. 2, 136, 2, pl. 12, f. 4.

Isle of Rhodes.

Mas. *Pallide cinereus; anus crassus, rufus; pedes mellei; alæ subflavescentes, apice cinereæ.*

Isle of Naxos.

42. ASILUS PALLIPES.

Cinereus; facies, mystax et barba alba; thorax fusco vittatus; abdomen nigrum, incisuris albis; pedes flavi, femoribus nigro striatis; alæ apice posticeque subcinereæ; halteres flavi.

Asilus pallipes, *Megerle; Meig. Zweifl.* ii. 327, 32. *Zeller, Isis*, 1840, 56, 9. *Loew, Linn. Ent.* iv. 67, 42.
Asilus omissus, *Meig. Zweifl.* ii. 332, 40.

Subcinereus; facies, mystax et barba alba; thorax vittis obscurioribus; abdomen nigricans, fasciis subcinereis; pedes testacei, femoribus striga nigra; alæ hyalinæ; halteres flavescentes.

Asilus fulvipes, *Meig. Zweifl.* ii. 326, 30.

Schistaceus; facies, mystax et barba alba; thorax vitta duplicata nigra; abdomen nigricans, incisuris albidis; pedes flavi; alæ limpidæ, apice subcinereæ; halteres flavi.

The whole of Middle Europe.

a. ——— ?

43. ASILUS STRIATIPES.

Frons nigro pubescens; pedes testacei, femoribus antice nigris. Mas.—*Forceps analis testaceus.*

Asilus striatipes, *Loew, Linn. Ent.* iv. 69, 43.

Sicily.

44. ASILUS ALBICANS.

Mas. *Frons antice albido pilosa; pedes testacei, femoribus antice nigris; forceps analis testaceus.*

Asilus albicans, *Loew, Linn. Ent.* iv. 72, 44.

Patara.

Group 5. CERDISTUS.

Corpus nigro-cinereum, aut fere nigrum, parvum, aut vix mediocre. Facies sat parva; pars convexa minuta. Pedes sæpis-

sime nigri. *Mas.*—Forceps analis non acuminatus, nonnunquam fere clavatus. *Fœm.*—Oviductus longissimus, acutissimus.

Cerdistus, *Loew, Linn. Ent.* iv. 74, 5.

Blackish gray or almost black species of very small or hardly middle size. Colour of the legs mostly black. Forceps not pointed, almost club-like in some species. Ovipositor very long and pointed, otherwise having always the usual structure. Face rather small; convex part little.

45. Asilus erythrurus.

Cinereus; facies et barba albæ; mystax supra niger, subtus albus; thoraæ nigro vittatus; abdomen nigro micans, incisuris albis; pedes nigri; tibiis testaceis apice nigris; alæ subcinereæ; halteres flavi.

Asilus erythrurus, *Meig. Zweifl.* ii. 337, 49. *Macq. Hist. Nat. Dipt.* i. 306, 12. *Loew, Linn. Ent.* iv. 74, 45.

Asilus tenuis, *Macq. Dipt.* i. 307, 16.

South France. Piedmont, Italy.

46. Asilus denticulatus.

Tibiæ basi obscure fuscæ. Mas.—*Forceps niger, apice testaceus dente elongato tenui.*

Asilus denticulatus, *Loew, Linn. Ent.* iv. 77, 46.

Var. Minor. Rhodes. End of April.

Var. Major. Stanchio and Skalanova, Asia Minor. Beginning of June.

47. Asilus melanopus.

Cinereus; facies et barba albæ; mystax albus, supra parum niger; thoraæ nigro vittatus, vitta intermedia integra; abdomen nigrum, incisuris albis; pedes toti nigri; alæ fuscescente cinereæ; halteres fusco-flavi.

Asilus melanopus, *Meig. Zweifl.* ii. 338, 52. *Loew, Linn. Ent.* iv. 80, 47.

Asilus alpinus, *Meig. Zweifl.* ii. 336, 48. *Macq. Hist. Nat. Dipt.* i. 309, 28.

Swiss Alps

Var. *Canus ; facies, mystax et barba alba ; scutellum albidum ; abdomen nigrum, incisuris albis ; pedes nigri ; alæ cinereæ, dimidio basali hyalinæ ; halteres fusci.*

Chamounix.

Group 6. Stilpnogaster.

Facies sat parva; pars convexa magna, valde convexa. Thorax breviusculus. Abdomen omnino nigrum, nitidum.

Stilpnogaster, *Loew, Linn. Ent.* iv. 82, 6.

Face rather small; convex part large, very convex. Thorax somewhat shorter than in the other groups. Abdomen on both sides shining black in all directions.

48. Asilus æmulus.

Cinereus ; facies et barba albæ ; faciei pars convexa magna ; mystax niger ; thorax fusco vittatus, vitta intermedia gemina ; abdomen utrinque nigrum, nitidum, incisuris punctisque duobus ad basim albis ; pedes nigri ; alæ apice subcinereæ ; halteres flavi.

Asilus æmulus, *Hoffm. ; Meig. Zweifl.* ii. 329, 35. *Loew, Linn. Ent.* iv. 82, 48.
Asilus stabilis, *Zeller, Isis*, 1840, 53, 7.
Asilus nigricans, *Macq. Hist. Nat. Dipt.* i. 309, 25.

Austria. South Europe.

Group 7. Itamus.

Corpus nigro-cinereum, mediocre aut majusculum. Tibiæ plus minusve fulvæ. *Mas.*—Sexualia lata, crassa, nigra, nitida. *Fœm.*—Oviductus semper distincte elongatus.

Middle or rather large-sized species, of a blackish gray colour. Tibiæ more or less tawny. *Male.*—Sexualia broad, thick, black, shining. *Fem.*—Ovipositor of conspicuous length in all the species.

Div. I.

Abdominis segmenta 6um et 7um in oviductum comprehensa.

Sixth and seventh abdominal segments forming part of the ovipositor, so that the abdomen of the female appears five-jointed.

49. ASILUS ÆSTIVUS.

Cinereus; facies, mystax et barba alba; thorax nigro vittatus, vitta intermedia duplicata; abdomen nigrum, incisuris cinereis; pedes nigri, setis fere omnibus, nigris tibiis fulvis; alæ fere limpidæ; halteres flavi. Mas.—*Abdomen postice cyaneo micans.*

Asilus æstivus, *Schrank. Meig. Zweifl.* ii. 316, 15; *Macq. Dipt.* i. 304, 7; *Zeller, Isis*, 1840, 54, 8; *Zett. Ins. Lapp.* 505; *Dipt. Scand.* i. 167, 3.
Asilus tibialis, *Fall. Dipt. Asil.* 9, 4.
Asilus niger? *Deg. Ins.* vi. 99, 9.
Asilus cyanurus, *Loew, Linn. Ent.* iv. 84, 49.
Asilus tabidus, *Wied.; Meig. Zweifl.* ii. 332, 41.

Dilute schistaceus; facies argentea; mystax supra niger; subtus albus; barba alba; thorax vittis tribus latis nigris; abdomen fasciis nigro-fuscis; pedes nigri; alæ hyalinæ; halteres flavescentes.

North and South Europe.

50. ASILUS COTHURNATUS.

Cinereus; facies albida; mystax stramineus; setis paucis nigris; barba alba; thorax nigro vittatus; abdomen nigrum, incisuris cinereis; pedes nigri, setis longitudine insignibus majore ex parte pallidis, tibiis fulvis; alæ fere limpidæ; halteres flavi.

Mas. *Abdomen postice non cyaneo micans, forcipe anali brevissimo, valde inflato.*

Asilus cothurnatus, *Meig.; Loew, Linn. Ent.* iv. 88, 50.

Middle Europe.

Div. II.

Fœm. Abdominis segmenta 6um et 7um oviductum non fingentia.

Fem. Sixth and seventh abdominal segments of the usual structure not forming part of the ovipositor.

51. ASILUS GENICULATUS.

Cinereus; facies, mystax et barba nigra, ille parvus; thorax nigro vittatus; abdomen nigro micans, incisuris cinereis; pedes nigri, tibiis metatarsisque flavis; alæ fere limpidæ; halteres flavi.

Asilus geniculatus, *Meig.*; *Loew*, *Linn. Ent.* iv. 90, 51.

South and part of North Europe.

a.—e. ——— ?

52. ASILUS ACANTHODES.

Mystax magnus; tibiæ basi rufo-fuscæ, femora intermedia valde setosa.

Asilus acanthodes, *Loew*, *Linn. Ent.* iv. 92, 52.

Makri, Asia Minor.

Group 8. TOLMERUS.

Corpus nigro-cinereum, parvum, mediocre, aut sat magnum. Facies parva, parte magna convexa. Mystax dense setosus. Pedes nigri; femora strigis basalibus rufo-fuscis; tibiæ basi rufo-fuscæ. *Mas.*—Sexualia sæpissime parva, castanea aut nigra. *Fœm.*—Oviductus variæ longitudinis.

Tolmerus, *Loew*, *Linn. Ent.* iv. 94.

Blackish gray species of rather large, middle, or small size. Colour of the legs mostly black, which is very little or not at all hidden by the short hairiness. In all the species the tibiæ are reddish brown at the base, and the femora have towards the base reddish brown streaks, which are more or less indistinct, but not wanting. Face small; convex part large, thickly beset with bristles. Sexualia of the male small, in one species of middle size, chestnut-brown or clear, but not shining black, not enlarged in any species, appearing pointed behind when viewed from above. Ovipositor pointed, either rather short or rather long, always much shorter than the three last abdominal segments together.

Div. I.

Pedes valde setosi. *Mas.*—Sexualia valde compressa; forceps sat latus.

Sexualia of the male much compressed; forceps rather broad. Legs very bristly.

53. ASILUS LONGIMANUS.

Tarsi graciles, elongati.

Asilus longimanus, *Loew, Linn. Ent.* iv. 95, 51.

Rhodes, and the neighbouring coast of Asia Minor.

Div. II.

Mas. Sexualia parva, non compressa; forceps angustus.

Sexualia of the male small but not compressed; forceps narrow.

54. ASILUS TESSELLATUS.

Alæ hyalinæ, apice levissime infuscatæ; antennarum articulus 3us elongatus, tenuis.

Asilus tessellatus, *Loew, Linn. Ent.* iv. 98, 54.

Asia Minor.

55. ASILUS PÆCILOGASTER.

Antennarum articulus 3us brevis, arista subæquali; alæ apice leviter infuscatæ.

Asilus pæcilogaster, *Loew, Linn. Ent.* iv. 101, 55.

Trieste. Sicily.

56. ASILUS PYRAGRA.

Alæ ad apicem marginemque posteriorem totum distinctissime infuscatæ; venter non tessellatus.

Asilus pyragra, *Zeller, Isis*, 1840, 60, 13. *Loew, Linn. Ent.* iv. 105, 56.

Germany.

a.—d. ——— ?

Group 9. EPITREPTUS.

Corpus flavo-cinereum aut cinereo-flavum, mediocre aut parvum. Facies parum angustata. Pedes cinereo-fusci, fulvo varii. *Mas.*—Sexualia sat parva, acuminata, aut subacuminata. *Fœm.*—Oviductus trigonus, acuminatus.

Epitreptus, *Loew, Linn. Ent.* iv. 108.

Yellowish ash-gray or grayish yellow species, of moderate or small size. Legs more or less streaked, blackish in one species at the articulation of the base of the tibia, opaque blackish gray in this

species, owing to the thick overlying hairiness; in all other species of an uniform grayish brown, which is a characteristic of this group. Face not especially narrow. Sexualia of the male rather small, pointed or somewhat pointed at the tips, but with a distinct rim on the hind border of one species. Ovipositor pointed, triangular.

57. Asilus cingulatus.

Canescens; mystax supra niger, subtus albus; barba alba; thorax fusco trivittatus; abdomen linea dorsali nigra; tibiæ fulvæ, nigro annulatæ; alæ hyalinæ, postice subcinereæ; halteres fulvi.

Asilus cingulatus, *Fabr. Spec. Ins.* ii. 464, 25; *Ent. Syst.* iv. 385, 41; *Syst. Antl.* 172, 36. *Schr. Faun. Boic.* iii. 2548. *Fall. Dipt. Suec. Asil.* 10, 6. *Meig. Klass. Ins.* 268; *Zweifl.* ii. 325, 29; *Macq. Dipt. Nord. Asil.* 33, 10; *Hist. Nat. Dipt.* i. 305, 10; *Zeller, Isis*, 1840, 59, 12; *Loew, Isis*, 1840, 541, 16.

Asilus annulatus, *Macq Dipt. Nord. Asil.* 36, 16.

The whole of Europe. South Italy. Dalmatia. Turkey.

58. Asilus setosulus.

Venter ante incisuras setulis binis validis armatus; mystax flavidus, pilis nigris superius admixtis.

Asilus setosulus, *Zeller, Isis*, 1840, 58, 11; *Loew, Linn. Ent.* iv. 111, 58.

Asilus striatus, *Macq. Dipt. Nord. Asil.* 35, 14; *Hist. Nat. Dipt.* i. 396, 14.

Asilus striatus?? *Meig. Zweifl.* ii. 340, 54.

Cinereus; facies et barba alba; mystax albus, supra parum niger; thorax nigro vittatus, vitta intermedia gemina; abdomen cinereo micans, linea dorsali nigra; tibiæ testaceæ; alæ hyalinæ, apice cinereæ; halteres flavi.

Asilus nanus, *Loew, Isis*, 1840, 540, 5.

Middle Europe.

a. ——— ?

59. Asilus inconstans.

Flavo-cinereus; facies flavicans; mystax pilique antennarum pallide flavi; barba alba; thorax fusco trivittatus; abdomen varium, fusco obsolete vittatum, ventre ante incisuras setulis binis validis armato; pedes subtestacei, nigro vittati; alæ flavido subcinerei; halteres flavo-fusci.

Asilus inconstans, *Hoffm.*; *Meig.*; *Germ. Faun.* xv. 21. *Macq. Dipt. Exot.* i. 2, 138, 8; *Expl. Sci. Alg.* iii. *Ins.* 441. *Loew, Linn. Ent.* iv. 114, 59.

Asilus culiciformis? *Pallas*; *Wied. Zool. Mag.* i. 2, 32. *Meig. Zweifl.* ii. 324, 28.

Incanus; facies, mystax et barba alba; thorax fusco trivittatus; abdomen subulatum, fusco fasciatum; pedes fulvescentes, femoribus nigro vittatis; alæ fere limpidæ; halteres flavi.

South France. Portugal. Asia Minor. Algeria. Egypt. Canary Isles.

a. Italy. From Dr. Leach's collection.
b. ———?

60. ASILUS SENEX.

Subcinereus; facies angusta, flavicans; mystax, barba et antennæ basi albo pilosa; antennarum articulus 3us sat gracilis; thorax trivittatus; abdomen albo subfasciatum; pedes nigri; alæ limpidæ; halteres rufo-fusci.

Asilus senex, *Hoffm.*; *Meig. Zweifl.* ii. 321, 22. *Loew, Linn. Ent.* iv. 117, 60.

Portugal.

61. ASILUS ARTHRITICUS.

Pedes nigri, tibiis basi fuscis.

Asilus arthriticus, *Zeller, Isis*, 1840, 64, 16. *Loew, Isis*, 1840, 543, ii. 584; *Linn. Ent.* iv. 118, 61.

Middle Europe.

62. ASILUS EMARGINATUS.

Mas. et fœm. *Venter absque setulis erectis ante incisuras; mystax pilique in antennarum articulis 1o et 2o omnes flavescentes.*

Asilus emarginatus, *Loew, Linn. Ent.* iv. 121, 62.

Italy. (Rome.)

Section II.

Fœm. Sexualia conica, nonnunquam clavata, non compressa, aut apice tantum subcompressa.

Oviduct conical, occasionally clavate, not compressed, or but slightly compressed at the tip.

Group 10. ANTIPHRISSON.

Corpus mediocre, cinerascens, aut cinereo flavescens. Mystax pilosus, albus, pilis paucis nigris. Abdomen nudum; incisuræ setis nullis. Pedes strigati. Alæ limpidæ, apice paullo obscuriores. *Mas.*—Sexualia parva, simplicia, nigro-fusca aut rufescentia. *Fœm.*—Abdomen fere planum, acuminatum. Oviductus conicus, breviter hirtus, longitudine mediocri.

Antiphrisson, *Loew, Linn. Ent.* iv. 123.

Grayish or grayish yellow species, of moderate size, like those of the preceding group in colour. Mystax white with fine hairs, and with a few black hairs by the epistoma. In a scarce variety of *A. trifarius* the highest hairs are black. Abdomen bare; the incisures with no bristles. Legs with dark and pale stripes; the ground-colour quite apparent through the light covering of hairs. Wings limpid, very slightly darker at the tips. *Male.*—Sexualia small, simple, blackish brown, or brownish red, or paler. *Fem.*—Abdomen acuminated, nearly flat. Oviduct conical, of moderate length, with short hairs.

63. ASILUS ADPRESSUS.

Thorax pilis minutis albis adpressis vestitus.

Asilus adpressus, *Loew, Linn. Ent.* iv. 125, 63.

Meander, Asia Minor.

64. ASILUS ANGUSTIFRONS.

Facies angusta.

Asilus angustifrons, *Loew, Linn. Ent.* iv. 126, 64.

Meander, Asia Minor.

65. ASILUS TRIFARIUS.

Facies lata, thorax pilis nigris.

Asilus trifarius, *Loew, Linn. Ent.* iv. 128, 65.

Sicily. Isles of Greece. Asia Minor.

Group 11. ASILUS.

Corpus magnum aut maximum, coloribus intensis. Mystax densus, fulvus aut ferrugineus, unicolor. Proboscis longus, acuminatus. Antennæ basi breviter pilosæ. Thorax planiusculus, breviter hirtus, setis abbreviatis posticis. Abdomen nudum; incisuræ

setis nullis. Metatarsus non abbreviatus. Alæ fulvæ, apice margineque postico nigro-fuscæ. *Mas.*—Sexualia parva, simplicia. *Fœm.*—Oviductus obconicus, acuminatus.

Asilus, *Loew, Linn. Ent.* iv. 132.

Bright and deep coloured, large or very large species. Mystax with rough hairs, tawny or ferruginous, of one colour. Proboscis especially long and pointed. First and second joints of the antennæ with short hairs. Thorax rather flat, with short hairs; the bristles short, and not extending beyond the middle. Abdomen bare; incisures without bristles. Metatarsus not shortened. Wings tawny, with blackish brown tips and hind borders. *Male.*—Sexualia small, simple. *Fem.*—Oviduct obconical, acuminated.

66. Asilus barbarus.

Ferrugineus; abdomen atrum, punctis lateralibus albis; femora nigra; alæ flavæ, margine postico fusco maculato; halteres fusci.

Asilus barbarus, *Linn. Syst. Nat.* 1007, 3. *Meig. Klass.* 245, 2; *Zweifl.* ii. 308, 3. *Macq. Hist. Nat. Dipt.* i. 303, 1. *Expl. Sci. Alg.* iii. *Ins.* 439, 70. *Loew, Linn. Ent.* iv. 132, 65.

South Europe. North Africa.

67. Asilus crabroniformis.

Abdomen antice atrum postice flavum.

Asilus crabroniformis, *Linn.; Oken, Lehrb. Naturgesch.* iii. 488. *Dum. Cons. Gén. Ins.* pl. 46, f. 10. *Macq. Hist. Nat. Dipt.* i. 303; *Expl. Sci. Alg.* iii. *Ins.* 439, 71, pl. 2, f. 8. *Dahlb. Skand. Ins.* 308, 208. *Zeller, Isis,* 1840, 48, 1. *Zett. Dipt. Scand.* i. 165, 1.

Europe and a great part of Asia. Australia.

a.—c. England. From Mr. Stephens' collection.

Group 12. Rhadiurgus.

Corpus mediocre, cinereo-nigrum. Facies nigra, nitida, apud oculos alba. Abdomen nudum; incisuræ setis nullis. *Mas.*—Sexualia mediocria; forceps margine postico valde inciso; penis acumedio præ cæteris elongato. *Fœm.*—Abdomen præsertim planum. Oviductus brevis, obtuse obconicum, subtus compressum.

Rhadiurgus, *Loew, Linn. Ent.* iv. 133.

Body grayish black, of moderate size. Face black, shining

white about the eyes. Abdomen bare, without bristles. *Male.*—Sexualia of moderate size; forceps with the hind border deeply inducted. *Fem.*—Abdomen more flat than that of the male. Oviduct short, obtusely obconical, somewhat compressed beneath.

68. Asilus variabilis.

Mas et fœm. *Obscure cinereus; barba faciei latioris ad maximam partem in* mari *alba in* fœm. *nigra, menti nivea; macula sub antennis subquadrata nigra nitidissima; thoracis vitta media subgemina et abdomen nigricantia, incisuris albescentibus; pedes nigri, tibiis posticis metatarsisque omnibus ferrugineis, femoribus anticis subtus albo pilosis; alæ subhyalinæ.*

Asilus variabilis, *Zett. Ins. Lapp.* 506, 4; *Dipt. Scand.* i. 169, 5. *Loew, Linn. Ent.* iv. 133, 68.

North Europe.

Group 13. Pamponerus.

Corpus nigro-cinereum, sat magnum. Faciei pars convexa præ cæteris magna. Mystax fere ad antennas ascendens. Thorax tenuiter et breviter hirtus, breviterque setosus. Abdomen pilosum; incisuræ setis longioribus. Femora anteriora dense setosa. Alæ coloratæ. *Mas.*—Sexualia mediocria; forceps margine postico valde inciso. *Fœm.*—Oviductus brevis, obtuse obconicus.

Pamponerus, *Loew, Linn. Ent.* iv. 135.

Body blackish gray, of rather large size. Convex part of the face unusually large. Mystax ascending nearly to the antennæ. Thorax with fine and short hairs, and with short stout bristles. Abdomen hairy; incisures with bristles, which are longer than the hairs. Legs black; tibiæ tawny; anterior femora thickly beset with bristles. Wings highly coloured. *Male.*—Sexualia of moderate size; forceps with the hind border deeply notched. *Fem.*—Oviduct short, obtusely obconical.

69. Asilus germanicus.

Cinereus; mystax supra niger, subtus fulvus; barba fulva; thorax nigro vittatus; abdomen nigrum; tibiæ tarsique fulva; alæ costa ferruginea, maris *fuscæ basi albæ.*

Asilus germanicus, *Linn. Oken, Lehrb. Naturgesch.* iii. 488. *Zeller, Isis,* 1840, 52, 6. *Zett. Dipt. Scand.* i. 166, 2. *Loew, Linn. Ent.* iv. 135, 69.

North and Middle Europe.

a, b. England. From Mr. Stephens' collection.

Group 14. Antipalus.

Corpus obscure cinereum, sat magnum. Faciei pars convexa magna. Mystax dense setosus. Abdomen apud incisuras tenuiter setosum. Pedes nigri, setosi; tibiæ fulvæ. Alæ apice margineque postico fusco-cinereis. *Mas.*—Sexualia mediocria; forceps margine postico tenuiter inciso. *Fœm.*—Oviductus niger nitens, valde incrassatus et clavatus.

Antipalus, *Loew, Linn. Ent.* iv. 136.

Body rather large, dull gray. Convex part of the face large. Mystax thickly beset with bristles. Abdomen with slender bristles about the incisures. Legs black, setose; tibiæ tawny. Wings brownish gray at the tips and along the hind borders. *Male.*—Sexualia of moderate size; forceps slightly notched on the hind border. *Fem.*—Oviduct black, shining, clavate and much incrassated.

70. Asilus varipes.

Cinereus; facies albida; mystax supra niger, subtus albus; barba alba; thorax vitta nigra; abdomen nigrum, incisuris albis; pedes nigri, tibiis et metatarsis fulvis; alæ apice subcinereæ; halteres fulvi. Mas.—*Femora antica absque setis.* Fœm.—*Femora antica basi parum setosa.*

Asilus varipes, *Meig. Zweifl.* ii. 328, 33. *Zeller, Ent. Zeit.* viii. 280, 1. *Loew, Linn. Ent.* iv. 136, 70.
Asilus macrurus, *Ruthe, Isis*, 1831, 1221; *Loew, Ent. Zeit.* viii. 49.
Asilus xanthopygus, *Ruthe, Isis*, 1831, 1220.
Asilus tenax, *Zeller, Isis*, 1840, 52, 5.
Asilus aurifluus, *Zeller, Isis*, 1840, 51, 4.

Middle Europe.

71. Asilus truncatus.

Femora antica in utroque sexu multisetosa.

Asilus truncatus, *Loew, Linn. Ent.* iv. 139, 71.

Ephesus, and about the Meander, Asia Minor.

Group 15. Echthistus.

Corpus cinereo-flavescens, magnum. Facies lata; pars convexa magna. Mystax densus. Femora anteriora dense spinosa; metatarsi anteriores brevissimi, articulo 2o vix longiores. *Mas.*—

Forceps analis mediocris, margine postico inciso. *Fœm.*—Oviductus obconicus.

Echthistus, *Loew, Linn. Ent.* iv. 142.

Grayish yellow species of rather large size. Face broad; the convex part large. Mystax thick. Anterior femora thickly spinose; anterior metatarsi very short, but little longer than the second joint, a character peculiar to this group. *Male.*—Anal forceps of moderate size; hind border notched. *Fem.*—Oviduct obconical.

72. Asilus rufinervis.

Fulvescens; facies ferruginea; mystax supra niger, subtus albus; barba alba; thorax fusco trivittatus; abdomen maculis dorsalibus fuscis; setæ thoracis abdominisque minus validæ; pedes fulvi, femoribus nigris; alæ antice flavescentes, venis fulvescentibus; halteres flavi.

Asilus rufinervis, *Hoffm.; Meig. Zweifl.* ii. 324, 27, ex parte. *Ruthe, Isis*, 1831, 1219. *Zeller, Isis*, 1840, 49, 2. *Loew, Isis*, 1840, 538, 2.

Asilus flavescens? *Macq Hist. Nat. Dipt.* i. 305, 8.

Middle Europe.

73. Asilus cognatus.

Setæ thoracis abdominisque validiores; tibiæ rufæ, apice nigræ; tarsi nigricantes, basi magis minusve rufescentes.

Asilus rufinervis, *Meig. Zweifl.* ii. 324, 27, ex parte.
Asilus cognatus, *Loew, Linn. Ent.* iv. 143, 73.

South Russia. Isles of Greece, Asia Minor.

Group 16. Philonicus.

Corpus mediocre, cinereum, fere nudum. Faciei pars convexa parva. Mystax parvus. Metatarsi non abbreviati. *Mas.*—Forceps analis vix mediæ magnitudinis, margine postico arcuatim inciso. *Fœm.*—Oviductus obconicus, apice spinosus.

Philonicus, *Loew, Linn. Ent.* iv. 144.

Allied to *Proctacanthus*. Body gray, almost bare, of moderate size. Face with the convex part small. Mystax with but few bristles. Metatarsi not short. *Male.*—Anal forceps rather less than the middle size, with a concave notch on the hind border. *Fem.*—Oviduct obconical; its tip armed with short spines.

74. ASILUS ALBICEPS.

Fusco-cinereus; facies et mystax alba, hic supra niger; thorax nigro pilosus, fusco vittatus; abdomen supra fuscum, incisuris pallidis; pedes nigricantes; alæ fuscescentes; halteres flavi.

Asilus albiceps, *Meig.* *Loew, Linn. Ent.* iv. 145, 72.
Asilus nudus, *Loew, Isis*, 1840, 542, 9, 548.

Europe.

a. England. From Mr. Stephens' collection.

Var. *Cinereus; facies albo sericea; mystax flavido-albus; barba alba; thorax trivittatus, vitta intermedia gemina; abdomen fasciatum; alæ cinerascentes; halteres flavi.*

Asilus cauescens, *Hoffm.*; *Meig. Zweifl.* ii. 336, 47.

Portugal.

Var. Mas et fœm. *Cinerascens; faciei cana barba supra paucissime nigra, infra mentique alba; thoracis vittæ, anus pedesque obscure cinerea; femora graciliora, antica subtus una serie parce albo pilosa; alæ subhyalinæ; halteres flavo-albi.*

Asilus albibarbus, *Zell. Asil. in Isis*, 1840, 66, 18. *Zett. Dipt. Scand.* i. 172, 7.

Europe and South Russia.

Group ?

A. Mystax fere niger. - - - - - tenuis, *Macq.*
B. Mystax niger, subtus flavus aut fulvus.
A. Pedes toti nigri.
a. Alæ obscure flavæ. - - - melanotrichus, *Brullé.*
b. Alæ cinereæ. - - - - melampodius, *Zett.*
c. Alæ subcinereæ, vitta hyalina. - - forcipatus, *Linn.*
d. Alæ limpidæ. - - - - tessellatus, *Brullé.*
B. Pedes fusci. - - - - - - varius, *Gürtl.*
C. Pedes picei.
a. Alæ hyalinæ. - - - - - picipes, *Meig.*
b. Alæ fuscæ. - - - - - fuscipennis, *Meig.*
C. Mystax niger, subtus setis paucis albis. - - nigripes, *Macq.*
D. Mystax niger, subtus albus.
A. Thorax fusco vittatus.

A. Thorax cinèreus. - - - - - pilipes, *Meig.*
B. Thorax fulvescens. - - - - marginatus, *Meg.*
B. Thorax nigro vittatus.
A. Abdominis incisuræ albæ. - - - parvulus, *Meig.*
B. Abdominis incisuræ non albæ. - intermedius, *Holm.*
E. Mystax albidus, supra niger.
A. Tibiæ anticæ annulatæ. - - - annulatus, *Macq.*
B. Tibiæ anticæ non annulatæ.
A. Corpus cinereo-flavescens. - - flavescens, *Macq.*
B. Corpus nigricans. - - - - pumilus, *Macq.*
F. Mystax albo-canescens, margine nigro. - hispidus, *Zell.*
G. Mystax flavo-albus, margine nigro. - - naxius, *Macq.*
H. Mystax albo-nigroque varius. - - - micans, *Meig.*
I. Mystax albus, setis perpaucis nigris. - gracilipes, *Meg.*
J. Mystax albus vel albidus.
A. Pedes nigricantes. - - - - fimbriatus, *Meig.*
B. Pedes nigri; tibiæ fulvo annulatæ.
A. Alæ flavescentes. - - - - annulipes, *Brullé.*
B. Alæ limpidæ. - - - - cinerarius, *Pallas.*
C. Pedes nigri; tibiæ rufæ. - - tibialis, *Gimm.*
D. Pedes testacei, nigro striati. - - callosus, *Pallas.*
K. Mystax flavo-albus. - - - - - Siculus, *Macq.*
L. Mystax flavicans, setis nonnullis nigris. - decipiens, *Hoffm.*
M. Mystax flavicans aut ferrugineus. - - tephræus, *Hoffm.*
N. Mystax ——— ? - - - - - - punctatus, *Macq.*

Some of the following *Asili* may be merely varieties.

75. Asilus tenuis.

Fœm. *Cinereus; facies albicans; mystax nigricans, faciei dimidium non attingens; abdomen gracile, apice attenuatum, segmentorum marginibus pallidis; pedes nigri; tibiis fulvis apice nigris.*

Asilus tenuis, *Macq. Hist. Nat. Dipt.* i. 307, 16. *Meig. Zweifl.* vii. 75, 67.

Sicily.

76. Asilus melanotrichus.

Mas. *Niger; mystax supra niger, subtus albo-flavicans; thoracis latera flavicante hirsuta; abdominis latera pilis flavescentibus instructa; alæ obscure flavæ.*

Asilus melanotrichus, *Brullé, Exped. Scient. de Morée*, iii. 2, 296, 637.

Morea.

77. ASILUS MELAMPODIUS.

Mas et fœm. *Fusco-cinerascens, thorax vittis subtribus obscurioribus; mystax supra niger, infra fulvus; barba fulva vel flava; pedes nigri et toti nigro spinosi, femoribus anticis subtus albo villosis; alæ cinerascentes, disco longitudinaliter hyalinæ; halteres flavi.*

Asilus melampodius, *Zell. Asil. in Isis*, 1840, 67, 19. *Zett. Dipt. Scand.* i. 173, 8.

Asilus forcipatus, *var.* major, *Fall. Asil.* 9, 5.

North Europe.

78. ASILUS FORCIPATUS.

Fulvo-cinereus; facies fulva; mystax supra niger, subtus fulvus; barba fulva; thorax nigro vittatus; abdomen fusco micans; pedes nigri; alæ subcinereæ; halteres fulvi.

Asilus forcipatus, *Linn. Oken, Lehrb. Naturg.* iii. 488.

Asilus furcipula? *Zeller.*

a. Italy. From Dr. Leach's collection.

b, c. ——— ?

79. ASILUS TESSELLATUS.

Mas. *Niger; mystax niger, subtus flavescens; thoracis et abdominis latera aureo villosa; thorax vitta dorsali nigra gemina, pilis dorsi nigris; abdominis latera pilis longis flavescentibus, segmentorum margines postici aureo villosi; alæ limpidæ.*

Asilus tessellatus, *Brullé, Exped. Scient. de Morée*, iii. 2, 296, 636.

Morea.

80. ASILUS VARIUS.

Fulvescens; facies flava; mystax supra niger, subtus flavus; barba alba; thorax fusco vittatus; abdomen fuscum, incisuris fulvescentibus; pedes et halteres fusci; alæ subcinereæ.

Asilus varius, *Gürtl; Meig. Zweifl.* ii. 329, 34.

Austria.

81. ASILUS PICIPES.

Canescens; facies et barba pallidæ; mystax supra niger, subtus pallidus; thorax nigro vittatus, vitta intermedia duplicata; abdomen fuscum, incisuris albis; pedes picei; alæ hyalinæ, apice et postice subcinereæ; halteres flavi.

Asilus picipes, *Meig. Zweifl.* ii. 338, 51.
Asilus furcipula? *Zeller.*

Austria.

82. ASILUS FUSCIPENNIS.

Cinereus; facies et barba flavo-canescentes; mystax supra niger, subtus pallidus; thorax fusco vittatus; abdomen fasciis fuscis micantibus; pedes picei; alæ cinereo-fuscæ, basi costaque dimidio basali flavescentes; halteres flavi.

Asilus fuscipennis, *Meig.*

Middle and South Europe. Asia Minor.

83. ASILUS NIGRIPES.

Cinereus; facies alba; mystax niger, setis subtus paucis albis; pedes nigri, tibiis metatarsisque posticis intus rufo hirtis; alæ apice fuscescentes.

Asilus nigripes, *Macq. Dipt. du Nord*, 34, 15. *Meig. Zweifl.* viii. 75, 70.

North France.

84. ASILUS PILIPES.

Cinereus; facies et barba albæ; mystax supra niger, subtus albus; thorax fusco vittatus, vitta intermedia gemina; abdomen cinereum, fusco fasciatum; pedes subcinerei; alæ pallide subcinereo-fuscescentes; halteres sordide flavi.

Asilus pilipes, *Meig. Zweifl.* ii. 320, 21.

South France.

85. ASILUS MARGINATUS.

Fulvescens; facies sordide alba; mystax supra niger; subtus albus; barba alba; thorax fusco vittatus; abdomen cinereum, incisuris nigro-fuscis; pedes fusci; alæ apice fusco-cinereæ; halteres fusci.

Asilus marginatus, *Megerle; Meig. Zweifl.* ii. 331, 39.

Austria.

86. ASILUS PARVULUS.

Cinereus; facies et barba albæ; mystax supra niger, subtus albus; thorax nigro vittatus, vitta intermedia gemina; abdomen nigrum, incisuris albis; pedes fusci; alæ apice subcinereæ; halteres flavescentes.

Asilus parvulus, *Meig. Zweifl.* ii. 541, 56.

Germany.

Var.? *Cinereus; facies albida; mystax niger, interne albidus; abdomen nigrum; pedes nigri, tibiis anticis intus rufo hirtis*

Asilus nigricans, *Macq. Hist Nat. Dipt.* i. 309, 25. *Meig. Zweifl.* vii. 75, 67.

South France.

87. ASILUS INTERMEDIUS.

Obscure cinerascens; mystax supra niger, subtus albus; barba alba; thorax vittis subtribus nigris, media gemina; pedes nigri et nigro spinosi, femoribus anticis albido-nigroque villosis; alæ hyalinæ, apice infuscatæ; halteres fusco-albidi. Mas.—*Forceps analis horizontalis, subrectus, æqualis (nec dentatus) apice obtusus, totus niger nitidus, absque appendice subano.* Fœm.—*Segmentum ultimum duplo longius, compressum, lateraliter triangulare acutum, totum atrum nitidum.*

Asilus intermedius, *Holmgren, MSS.; Zett. Dipt. Scand.* xi. 4262.

Sweden.

88. ASILUS ANNULATUS.

Cinereus; facies albida; mystax supra niger, subtus albus; tibiæ anteriores rufo nigroque annulatæ.

Asilus annulatus, *Macq. Dipt. du Nord.* 36, 16. *Meig. Zweifl.* vii. 76, 71.

France.

89. ASILUS FLAVESCENS.

Flavido-cinereus; mystax supra niger, subtus albus; pedes rufi, femoribus nigris; alæ subcinereæ.

Asilus flavescens, *Macq. Hist. Nat. Dipt.* i. 74, 65. *Meig. Zweifl.* vii. 74, 65.

South France.

90. ASILUS PUMILUS.

Nigricans; mystax albidus, setis supra paucis nigris; metatarsi postici tibiæque flava.

Asilus pumilus, *Macq. Hist. Nat. Dipt.* i. 74, 66 *Meig. Zweifl.* vii. 74, 66.

France.

91. ASILUS HISPIDUS.

Mas. et fœm. *Obscure cinerascens; mystax cano-albus, margine nigro, barba alba; thorax vitta laterali glaucescente tribusque dorsalibus nigricantibus; pedes nigri albo spinosi, femoribus anticis subtus nigro setosis; abdomen breve, incisuris albidis longe albo ciliatis; alæ subhyalinæ.*

Asilus hispidus, *Zell. Asil. in Isis*, 1840, 71, 22; *Zett. Dipt. Scand.* i. 176, 10.

Asilus trigonus? *Meig. Dipt.* ii. 322, 23. *Macq. Expl. Sci. Alg.* iii. *Ins.* 441, 76.

Europe. North Africa?

92. ASILUS NAXIUS.

Ater; abdominis incisuræ albidæ; pedes rufi, femoribus externe nigris; alæ flavescentes, apice subfuscæ.

Asilus naxius, *Macq. Dipt. Exot.* i. 2, 135, 1.

Naxos. Scio.

93. ASILUS MICANS.

Cinereus; facies et barba albæ; mystax albo nigroque varius; thorax vitta sinuata nigra; abdomen fusco micans, trifariam nigro maculatum; tibiæ et metatarsi fulva; alæ fere limpidæ, apice subcinereæ; halteres fusci.

Asilus micans, *Meig. Zweifl.* ii. 319, 19.

Germany.

94. ASILUS GRACILIPES.

Fusco-cinerascens; facies flavido-alba; mystax albus, setis perpaucis nigris; barba alba; thorax vittis fuscis, intermedia gemina; abdomen incisuris flavis; alæ subcinereæ; halteres flavi.

Asilus gracilipes, *Megerle; Meig. Zweifl.* ii. 330, 36.

Austria.

95. ASILUS FIMBRIATUS.

Cinereus; facies, mystax et barba alba; thorax nigro vittatus, vitta intermedia duplicata; abdomen nigro-fuscum, incisuris pallidis; pedes nigricantes; alæ subhyalinæ; halteres flavo-fuscescentes.

Asilus fimbriatus, *Meig.*

Europe.

96. ASILUS ANNULIPES.

Mas. et fœm. *Ater; mystax flavido-albus; thorax vittis tribus subaureis; tibiæ basi annulo ferrugineo; alæ pallide flavescentes.* Mas.—*Abdomen lepide aureo villosum.* Fœm.—*Abdomen fere nudum.*

Asilus annulipes, *Brullé, Exped. Scient. de Morée*, iii. 2, 295, 634, pl. 46, f. 6. Allied to A. cinerarius, *Meig.*

Calamata, Morea.

97. ASILUS CINERARIUS.

Cinereus; mystax albidus; barba alba; pedes nigri, tibiis fulvo annulatis; alæ limpidæ; halteres pallidi.

Asilus cinerarius, *Pallas; Wied.*

South Russia.

98. ASILUS TIBIALIS.

Niger, cinereo pilosus; mystax canus; tibiæ rufæ; alæ fere limpidæ.

Asilus tibialis, *Gimm. Bull. Soc. Imp. Nat. Mosc.* 1847, 3, 162, 5.

South Russia?

99. ASILUS CALLOSUS.

Cinereus; barba alba; thorax callis duobus anticis fulvis; pedes testacei, nigro striati; alæ hyalinæ; halteres pallidi.

Asilus callosus, *Pallas; Wied. Zool. Mag.* i. 2, 30. *Meig. Zweifl.* ii. 333, 42.

South Russia.

100. ASILUS SICULUS.

Ferrugineus, lateribus cinereis; mystax albidus; pedes fulvi; alæ flavicantes.

Asilus Siculus, *Macq. Hist. Nat. Dipt.* i. 303, 3. *Meig. Zweifl.* vii. 74, 64.

Sicily.

101. ASILUS DECIPIENS.

Cinereus; facies et barba albæ; mystax flavicans, setis nonnullis nigris; thorax nigro-fusco trivittatus; abdomen albo fasciatum; pedes nigri, femoribus apice supra badiis; alæ limpidæ vix flavescentes; halteres ferruginei.

Asilus decipiens, *Hoffm.; Meig. Zweifl.* ii. 334, 44.

Portugal.

102. ASILUS TEPHRÆUS.

Cinereus; facies orichalcea; mystax et barba flavicantia; thoracis vitta media lateralibus multo distinctior; pedes fulvi, nigro varii; alæ limpidæ, apice subcinereæ; halteres flavi.

Asilus tephræus, *Hoffm.; Meig. Zweifl.* ii. 334, 45.

Portugal.

103. ASILUS PUNCTATUS.

Mas. *Abdomen cinereum, nigro micans, segmentis quatuor anticis punctis duobus cinereis.*

Asilus punctatus, *Macq. Hist. Nat. Dipt.* i. 308, 24. *Meig. Zweifl.* vii. 75, 69.

France.

North America.

A. Mystax niger, cinereo mixtus. - - - tibialis, *Macq.*
B. Mystax niger, subtus flavus.
A. Abdomen basi cano hirtum. - - Sadyates, *Walk.*
B. Abdomen basi flavo hirtum. - - - Alethes, *Walk.*
C. Mystax niger, subtus albus.
A. Tibiæ cinctæ.
a. Thorax cinereus. - - - - annulipes, *Macq.*
b. Thorax flavo-fuscus. - - - - Paropus, *Walk.*
B. Tibiæ non cinctæ.
a. Thorax cinereus, vitta nigricante. - Novæ Scotiæ, *Macq.*
b. Thorax fuscus, fulvo trivittatus. - - Lecythus, *Walk.*
D. Mystax flavido-cinereus. - - - interruptus, *Macq.*
F. Mystax fulvus. - - - - - sericeus, *Say.*
G. Mystax flavus aut flavescens aut flavo-albus.
A. Antennæ nigræ.
a. Alæ apice cinereæ aut subfuscæ.
a. Abdomen albo fasciatum. - - - notatus, *Wied.*
b. Abdomen albo non fasciatum. - Antimachus, *Walk.*

B. Alæ totæ limpidæ. - - - - Orphne, *Walk.*
B. Antennæ basi pallidæ.
A. Femora anteriora nigra. - - - ultimus, *Walk.*
B. Femora anteriora nigro vittata. - Herminius, *Walk.*
C. Pedes mellei. - - - - - gracilis, *Wied.*
H. Mystax albus aut albidus. - - - - femoralis, *Macq.*

Group 1.

Corpus minor, cinereum, parce setosum, vix hirtum. Facies apud epistoma convexa. Mystax dense setosus. Proboscis gracilis, linearis. Antennarum articulus 3us lanceolatus, 1o paullo longior; arista 3o brevior. Abdomen gracile, thorace duplo longius. Pedes sat validi, spinosi, parce hirti. *Mas.*—Sexualia parva. *Fœm.*—Abdomen compressum, apicem versus attenuatum et lanceolatum.

Radial vein curved at its tip. Cubital forked at much beyond half its length; fore fork nearly straight; hind fork slightly undulating. First and second externo-medial veins almost straight; third very slightly curved, forming an obtuse angle with the præbrachial, joining the fourth rather far from the border. Subanal joining the anal very near the border.

Asilus Sadyates, *Walk.*; A. Alethes, *Walk.*; A. Lecythus, *Walk.*

Group 2.

Fœm. Corpus ferrugineum, fere nudum. Facies plana. Mystax sat dense setosus. Proboscis valida, lanceolata. Thoracis latera parce setosa. Abdomen longum, sublineare, apicem versus oblanceolatum, thorace triplo longius, alas longe superans. Pedes longiusculi, sat graciles, parce spinosi, non pilosi.

Cubital vein forked at a little before two-thirds of its length; forks nearly straight. First externo-medial curved at its base; second straight; third hardly curved, forming a very slightly obtuse angle with the præbrachial, joining the fourth wing far from the border. Subanal joining the anal on the border.

Asilus Herminius, *Walk.*

104. Asilus tibialis.

Fœm.— *Cinereus; mystax niger, cinereo mixtus; antennæ nigræ; thorax vittis nigris; abdomen cinereo-nigrum; pedes nigri, tibiis testaceis apice nigris; alæ fuscescentes.*

Asilus tibialis, *Macq. Hist. Nat. Dipt.* i. 313, 38.

Philadelphia.

105. ASILUS SADYATES.

Asilus Sadyates, *Cat. of Diptera*, Pt. 2, 453.

Ohio.

106. ASILUS ALETHES.

Asilus Alethes, *Cat. of Diptera*, Pt. 2, 454.

a. New York. Presented by the Entomological Club.

107. ASILUS ANNULIPES.

Fœm. *Cinereus; abdomen fuscum, incisuris albidis; tibiæ flavæ, fusco-cinctæ; tarsi nigri, articulis basi metatarsoque fulvis; alæ hyalinæ, apice subcinereæ.*

Asilus annulipes, *Macq. Dipt. Exot.* i. 2, 149, 36.

Carolina.

108. ASILUS PAROPUS.

Asilus Paropus, *Cat. of Diptera*, Pt. 2, 455.

New York.

109. ASILUS NOVÆ SCOTIÆ.

Mas. *Cinereus; thorax vitta recta nigricante; abdomen nigrum fusco micans, incisuris albis; pedes nigri, tibiis metatarsisque fulvis; alæ hyalinæ, apice maculisque posticis cinereis.*

Asilus Novæ Scotiæ, *Macq. Dipt. Exot. Suppl.* 2, 46, 62.

Nova Scotia.

110. ASILUS LECYTHUS.

Asilus Lecythus, *Cat. of Diptera*, Pt. 2, 451.

Var.? Asilus Agrius, *Cat. of Diptera*, Pt. 2, 452.

Nova Scotia.

111. ASILUS INTERRUPTUS.

Fœm. *Cinereus; mystax flavido-cinereus; antennæ nigræ, articulo 1o rufescente; thorax vittis fuscis lineaque intermedia albida; abdomen nigrum, segmentis 2o et 3o fasciis interruptis cinereis, 6o et 7o cinereis vitta dorsali nigra; femora, tibiæ et metatarsi antici rufo subvaria; alæ subfuscescentes.*

Asilus interruptus, *Macq. Hist. Nat. Dipt.* i. 310, 29.

Georgia.

112. ASILUS SERICEUS.

Fœm. *Aurato-fuscus; mystax fulvus; antennæ fuscæ; thorax vitta latissima nigro-fusca; pedes fusci, tibiis flavis; alæ flavæ, margine interno apiceque fuscis, limbo venarum solo flavo.*

Asilus sericeus, *Say, Journ. Acad. Philad.* iii. 48, 2. *Wied. Auss. Zweifl.* i. 429, 8.

Pennsylvania.

113. ASILUS NOTATUS.

Mas. *Niger; mystax flavo-albus; thorax cinerascens, vittis nigris; tibiæ basi melleæ; alæ limpidæ, apice cinereæ.*

Asilus notatus, *Wied. Auss. Zweifl.* i. 451, 40.

United States.

114. ASILUS ANTIMACHUS.

Asilus Antimachus, *Cat. of Diptera*, Pt. 2, 454.

Trenton Falls.

115. ASILUS ORPHNE.

Asilus Orphne, *Cat. of Diptera*, Pt. 2, 456.

New York.

116. ASILUS ULTIMUS.

Asilus ultimus, *Diptera Saundersiana*, Pt. 2, 136.

North America.

117. ASILUS HERMINIUS.

Asilus Herminius, *Cat. of Diptera*, Pt. 2, 410.

This may be the same as *A. sericeus*, but differs from Say's description of that species.

Massachusetts.

118. ASILUS GRACILIS.

Mas. *Cinereus; mystax flavescens; antennæ pedesque melleu; thorax non vittatus; abdomen nigricans, cinereo hirtum; alæ breves, subflavescentes, apice margineque fuscanis.*

Asilus gracilis, *Wied. Auss. Zweifl.* i. 445, 31.

United States.

119. ASILUS FEMORALIS.

Fœm. *Mystax albidus; thorax fulvidus, vittis fuscis; abdomen fuscum, incisuris flavidis; pedes fulvi, femoribus supra nigris; alæ hyalinæ, apice subfuscæ.*

Asilus femoribus, *Macq. Dipt. Exot. Suppl.* 2, 45, 61.

Philadelphia.

Mexico.

120. ASILUS MEXICANUS.

Mas. *Niger; mystax subtus barbaque alba; pedes anteriores fulvi; alæ subcinereæ.*

Asilus mexicanus, *Macq. Dipt. Exot. Suppl.* 1, 94, 55.

Mexico.

West Indies.

121. ASILUS PLINTHOPYGUS.

Mas. *Fuscanus; antennæ nigræ; mystax albus; abdomen basi nigrum, apice testaceum; pedes nigri; alæ subflavescentes.*

Asilus plinthopygus, *Wied. Dipt. Exot.* i. 184, 4; *Auss. Zweifl.* i. 432, 11.

Cuba.

122. ASILUS ATRIPES.

Fœm. *Flavo-cinerascens; mystax albidus; antennæ nigræ; thorax vittis nigris, exterioribus valde interruptis; abdomen fuscum, incisuris albidis; pedes nigri, tibiis obscure fuscis.*

Dasypogon atripes, *Fabr. Syst. Antl.* 170, 29.

Asilus atripes, *Wied. Dipt. Exot.* i. 195, 24; *Auss. Zweifl.* i. 455, 46.

West Indies.

South America.

A. Corpus æneseens. - - - - Americanus, *Macq.*

B. Abdomen chalybeum.

A. Alæ chalybeæ. - - - - - iopterus, *Wied.*

B. Alæ non chalybeæ. - - - - cæruleiventris, *Macq.*

C. Abdomen non chalybeum.

A. Alæ nigro-violaceæ. - - - - abdominalis, *Wied.*

B. Alæ violaceo-fuscæ. - - - - luctuosus, *Macq.*
C. Alæ non violaceæ.
A. Mystax niger.
a. Antennarum articulus 3us non compressus,
i. Alæ fuscæ. - - - - - Gerion, *Walk.*
ii. Alæ flavescentes aut subfulvæ. - auribarbis, *Hoffm.*
b. Antennarum articulus 3us compressus.
himantocerus, *Wied.*
B. Mystax supra plus minusve niger, subtus plus minusve pallidus.
a. Pedes nigri.
i. Mystax niger, setis subtus nonnullis albis.
* Alæ flavescentes.
† Alæ apice pallidæ. - - - nigrinus, *Macq.*
†† Alæ apice fuscescentes. - albipilosus, *Macq.*
** Alæ sublimpidæ, fusco lineatæ, apice subcinereæ.
Tatius, *Walk.*
ii. Mystax flavus aut albus, setis supra nonnullis nigris.
* Corpus cyaneo-nigrum. - - Herdonius, *Walk.*
** Corpus nigro-fuscum. - - - Gamaxus, *Walk.*
iii. Mystax supra niger, subtus flavus. Lycorius, *Walk.*
b. Pedes ex parte pallidi.
i. Tibiæ posticæ albidæ. - - - barbatus, *Fabr.*
ii. Tibiæ posticæ non albidæ.
* Femora nigra.
† Tibiæ nigræ.
‡ Tibiæ basi fulvæ. - - Eupator, *Walk.*
‡‡ Tibiæ apice subtus fulvæ. - Gavius, *Walk.*
†† Tibiæ pallidæ.
‡ Alæ fuscescentes. - Servillei, *Macq.*
‡‡ Alæ subflavescentes. - - Lebasii, *Macq.*
‡‡‡ Alæ subhyalinæ, apice cinereæ.
consanguineus, *Macq.*
‡‡‡‡ Alæ hyalinæ, apice subfuscæ. Gayi, *Macq.*
‡‡‡‡‡ Alæ limpidæ, areolæ apicales et posticæ discis cinereis. - - Antiphus, *Walk.*
‡‡‡‡‡‡ Alæ subcinereæ. - - hebes, *Walk.*
** Pedes rufi, nigro vittati. - - Baletus, *Walk.*
*** Pedes castanei. - - - rufipalpis, *Macq.*
**** Pedes pallidi.
† Thorax nigro vittatus. - - Ctesicles, *Walk.*
†† Thorax fusco vittatus.
‡ Abdomen rufum. - - rufinus, *Wied.*

‡‡ Abdomen fulvum, basi piceum, apice nigrum. - - - - Leonides, *Walk.*

c. Mystax totus pallidus.
  a. Pedes nigri.
    i. Alæ subflavescentes, apice infumatæ. carbonarius, *Wied.*
    ii. Alæ flavescentes. - - - macularis, *Wied.*
    iii. Alæ sublimpidæ, apice cinereæ. Therimachus, *Walk.*
  b. Pedes nigri, tibiis fulvis. - - longiusculus, *Walk.*
  c. Femora supra nigra.
    i. Alæ flavescentes. - - - clavatus, *Macq.*
    ii. Alæ limpidæ, apice cinereæ. - - tenuis, *Wied.*
  d. Femora nigro vittata.
    i. Thorax cinereus, nigro vittatus. - mellipes, *Wied.*
    ii. Thorax fuscus, fulvo vittatus. - - Mucius, *Walk.*
  e. Femora apice nigra.
    i. Alæ subflavescentes. - - - - Hilarii, *Macq.*
    ii. Alæ subcinereæ. - - - 6-maculatus, *Walk.*
  f. Femora apice fusca. - - - - lutipes, *Wied.*
  g. Femora tota pallida.
    i. Alæ flavidæ, apice fuscanæ. - - Colombiæ, *Macq.*
    ii. Alæ fulvæ. - - - - Calatinus, *Walk.*

Group 1.

Corpus mediocre, metallicum, hirtum. Caput subtus densissime pilosum. Facies plana. Mystax parvus, setis paucis. Proboscis lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o paullo longior; arista 3o brevior. Thoracis latera et scutellum setosa. Abdomen basi pilosum. Pedes hirti, vix spinosi; tarsi crassi, metatarsis subdilatatis; tibiæ anteriores ciliatæ. Alæ abdomen superans. *Mas.* — Abdomen sublineare. Sexualia minima. *Fœm.* — Abdomen oblanceolatum, apice subcompressum.

Radial vein joining the subcostal at very far from the tip of the latter. Cubital forked at very little beyond half its length; forks straight, parallel, converging at their base, diverging at their tips. First and second externo-medial veins nearly straight; third hardly curved, forming an obtuse angle with the præbrachial, joining the fourth extremely far from the border. Subanal joining the anal far from the border.

Asilus iopterus, *Wied.*

Group 2.

Fœm. Corpus mediocre, gracile, fere nudum. Caput subtus sat dense pilosum. Facies apud epistoma convexa. Mystax sat dense setosus. Proboscis sublanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o vix brevior; arista 3o multo longior. Thoracis latera setis paucis. Abdomen oblanceolatum, alas vix superans, apice compressum nitens lævc. Pedes sat graciles, breviter spinosi, parce pubescentes. Alæ longiusculæ.

Radial vein curved near its tip, joining the subcostal at a short distance from the tip of the latter. Cubital forked at very much beyond half its length; fore fork hardly undulating, curved at its base; hind fork nearly straight. First and second externo-medial veins very slightly undulating; third slightly curved, forming an obtuse angle with the præbrachial, joining the fourth rather far from the border. Subanal joining the anal at some distance from the border.

Asilus Gerion, *Walk.*

Group 3.

Mas. Corpus mediocre, dense hirtum. Caput subtus densissime pilosum. Facies convexa. Mystax densissime setosus, antennas attingens. Proboscis lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o paullo longior; arista 3o brevior. Thoracis latera et scutellum setosa. Abdomen pilis longis hirtum, abdomen non superans. Sexualia mediocria, hirta. Pedes robusti, hirti, setosi.

Radial vein slightly curved near its tip, joining the subcostal near the tip of the latter. Cubital forked at much beyond half its length; fore fork nearly straight; hind fork slightly undulating. First and second externo-medial veins straight; third curved, forming a hardly obtuse angle with the præbrachial, which is slightly curved, joining the fourth far from the border. Subanal joining the anal at some little distance from the border.

Asilus Antiphus, *Walk.*

Group 4.

Fœm. Corpus parvum, tomentosum, non pilosum. Caput subtus pilosum. Facies apud epistoma convexa. Mystax parvus, setis paucis. Proboscis gracilis, linearis. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o paullo brevior; arista 3o multo longior. Thoracis latera et scutellum parce setosa. Abdomen oblanceolatum, thorace duplo longius, alas vix superans, apice compresso lævi nitido. Pedes validi, parce spinosi, non hirti.

Cubital vein forked at much before half its length ; fore fork hardly undulating ; hind fork nearly straight. First and second externo-medial veins hardly curved ; third slightly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Asilus hebes, *Walk.*

Group 5.

Mas. Corpus mediocre, parce hirtum. Caput subtus dense pilosum. Facies parum convexa. Mystax raro setosus. Proboscis gracilis, linearis. Antennarum articulus 1us 2o duplo longior ; 3us longiconicus, 2o paullo longior ; arista 3o plus duplo longior. Thoracis latera parce setosa. Abdomen sublineare, thorace non duplo longius, alas non superans. Sexualia parva. Pedes robusti, parce spinosi, non hirti. Alæ latiusculæ.

Cubital vein forked beyond half its length ; fore fork hardly undulating ; hind fork almost straight. First and second externo-medial veins almost straight ; third very slightly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus Baletus, *Walk.*

Group 6.

Mas. Corpus mediocre, parce hirtum. Caput subtus dense pilosum. Facies parum convexa. Mystax vix dense setosus. Proboscis sublanceolata. Antennarum articulus 1us 2o triplo longior ; 3us lanceolatus, 3o brevior ; arista 3o fere duplo longior. Thoracis latera et scutellum setosa. Abdomen subcylindricum, thorace plus duplo longius, alas superans ; latera basim versus pilosa. Sexualia parva. Pedes validi, parce spinosi, vix hirti.

Cubital vein forked at hardly before half its length ; forks almost straight, with the exception of the obtuse angle by the base of the fore fork. First and second externo-medial veins very slightly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus longiusculus, *Walk.*

Group 7.

Fœm. Corpus parvum, gracile, nudum. Caput subtus parce pilosum. Facies plana. Mystax setis paucissimis. Proboscis

gracilis, lanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o paullo brevior; arista 3o multo longior. Thoracis latera setis paucissimis. Abdomen fere oblanceolatum, thorace plus duplo longius, alas non superans, apice compressum attenuatum acuminatum. Pedes graciles, nudi, spinis paucissimis.

Cubital vein forked at very much beyond half its length; forks nearly straight. First and second externo-medial veins nearly straight; third hardly curved, forming a very obtuse angle with the præbrachial, joining the fourth very far from the border. Subanal joining the anal near the border.

Asilus Mucius, *Walk.*

Group 8.

Fœm. Corpus parvum, tomentosum, non hirtum. Caput subtus pilosum. Facies plana. Mystax parvus, setis perpaucis. Proboscis gracilis, linearis. Antennarum articulus 1us 2o plus duplo longior; 3us longiconicus, 1o multo brevior; arista 3o fere triplo longior. Thoracis latera et scutellum setis paucis. Abdomen oblanceolatum, thorace duplo longius, alas vix superans, apice stylatum. Pedes validi, spinosi, non hirti.

Cubital vein forked at rather beyond its middle; fore fork slightly undulating; hind fork nearly straight. First and second externo-medial veins nearly straight; third hardly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus sexmaculatus, *Walk.*

Group 9.

Mas. Corpus mediocre, sat gracile, parce pubescens, non hirtum. Caput subtus sat dense pilosum. Facies plana, apud epistoma vix convexa. Mystax parvus, raro setosus. Proboscis gracilis, sublinearis. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o multo brevior; arista 3o plus duplo longior. Thoracis latera parce setosa. Abdomen oblanceolatum, thorace plus duplo longius, alas superans. Sexualia parva. Pedes validi, parce setosi, fere nudi.

Radial vein nearly straight, joining the subcostal near the tip of the latter. Cubital forked at a little beyond half its length; fore fork hardly curved, forming an obtuse angle at its base; hind fork very slightly curved hindward. First and second externo-medial veins nearly straight; third hardly curved, forming a slightly obtuse

angle with the præbrachial, joining the fourth very far from the border. Subanal joining the anal very near the border.

Asilus Calatinus, *Walk.*

123. ASILUS AMERICANUS.

Fœm. *Æneseens; mystax flavus; pedes virides, tibiæ posticæ testaceæ; alæ subcinereæ.*

Lophonotus Americanus, *Macq. Dipt. Exot. Suppl.* 1, 87, 13.

Brazil.

124. ASILUS IOPTERUS.

Fœm. *Niger; thorax albo lineatus; abdomen, pedes et alæ chalybea; abdomen basi albo hirtum.*

Asilus iopterus, *Wied.*

Brazil.

125. ASILUS CÆRULEIVENTRIS.

Mas. *Niger; mystax albus; thorax albido tomentosus; abdomen cæruleo-nigrum; alæ hyalinæ, costa et apice cinereis.*

Asilus cæruleiventris, *Macq. Dipt. Exot. Suppl.* 1, 93, 52.

Colombia.

126. ASILUS ABDOMINALIS.

Mas. *Fulvescens; antennæ nigræ; mystax albus; thorax nigro vittatus; abdomen album; pedes nigri, tibiis obscure rufescentibus; alæ nigro-violaceæ.*

Asilus abdominalis, *Wied. Dipt. Exot.* i. 185, 5; *Auss. Zweifl.* i. 432, 12.

South America.

127. ASILUS LUCTUOSUS.

Mas. *Ater; abdomen apice fuscum; tibiæ tarsique anteriora testacea, hi intus nigri; alæ violaceo-fuscæ.*

Asilus luctuosus, *Macq. Dipt. Exot.* i. 2, 146, 28.

Brazil.

128. ASILUS GERION.

Asilus Gerion, *Cat. of Diptera*, Pt. 2, 433.

Brazil.

129. ASILUS AURIBARBIS.

Mas. et fœm. *Niger; mystax niger; barba fulvida; thorax fulvus, nigro vittatus; abdomen incisuris albis; alæ flavescentes;* mas. *tibiæ rufescentes.*

Asilus auribarbis, *Hoffm.; Wied. Dipt. Exot.* i. 186, 8; *Auss. Zweifl.* i. 437, 19.

Brazil.

130. ASILUS HIMANTOCERUS.

Fœm. *Fuscus; mystax niger; antennæ ochraceo-fuscæ, articulo 3o nigro compresso elongato; thorax vittis tribus nigro-fuscis; abdomen nigro-fuscum; incisuris albis; pedes flavescentes, fusco varii; alæ subflavescentes, dimidio costali fusco.*

Asilus himantocerus, *Wied. Auss. Zweifl.* i. 447, 34.

Brazil.

131. ASILUS NIGRINUS.

Mas. *Ater, cinereo pubescens; thorax vittis nigris; abdomen incisuris albis; alæ flavescente hyalinæ.*

Asilus nigrinus, *Macq. Dipt. Exot. Suppl.* 3, 30, 64, pl. 3, f. 5.

Brazil.

132. ASILUS ALBIPILOSUS.

Mas. *Cinereus; mystax niger, subtus albus; thorax vittis fere contiguis nigris; abdomen nigrum, incisuris albidis; pedes nigri, albo hirti, tibiis anticis intus fulvo tomentosis; alæ subflavescentes, apice margineque postico subflavescentes.*

Asilus albipilosus, *Macq. Dipt. Exot. Suppl.* 1, 92, 51.

Brazil. Bogotà.

133. ASILUS TATIUS.

Asilus Tatius, *Diptera Saundersiana*, Pt. 2, 148.

Colombia.

134. ASILUS HERDONIUS.

Asilus Herdonius, *Diptera Saundersiana*, Pt. 2, 140.

South America.

135. ASILUS GAMAXUS.

Asilus Gamaxus, *Diptera Saundersiana*, Pt. 2, 142.

Colombia.

136. ASILUS LYCORIUS.

Asilus Lycorius, *Diptera Saundersiana*, Pt. 2, 143.

South America.

137. ASILUS BARBATUS.

Niger; thorax rubro vittatus; mystax, abdominis apex et tibiæ posticæ albida.

Asilus barbatus, *Fabr. Ent. Syst.* iv. 379, 12; *Syst. Antl.* 155, 7. *Wied. Dipt. Exot.* i. 187, 9; *Auss. Zweifl.* i. 439, 22.

Brazil. Cayenne.

138. ASILUS EUPATOR.

Asilus Eupator, *Diptera Saundersiana*, Pt. 2, 147.

Brazil.

139. ASILUS GAVIUS.

Asilus Gavius, *Diptera Saundersiana*, Pt. 2, 151.

Brazil.

140. ASILUS SERVILLEI.

Mas. *Niger; facies flava; mystax supra niger; thorax cinereo-fuscus, vittis nigris; tibiæ fulvæ, apice nigræ; alæ fuscescentes, basi pallidiores.*

Asilus Servillei, *Macq. Hist. Nat. Dipt.* i. 313, 37.

Brazil.

141. ASILUS LEBASII.

Fœm. *Cinereus; thorax flavidus nigro vittatus; abdomen nigricans, tessellatum; pedes nigri, tibiis rufis, metatarsis rufescentibus; alæ subflavescentes, areolarum posticarum disci cinereis.*

Asilus Lebasii, *Macq. Dipt. Exot.* i. 2, 148, 34; *Suppl.* 1, 93, 53.

Colombia.

142. ASILUS CONSANGUINEUS.

Fœm. *Niger; facies barbaque albæ; mystax subtus flavus; thorax cinereus, vittis nigris; abdomen cinereo tomentosum; tibiæ testaceæ; alæ subhyalinæ apice posticeque cinereæ.*

Asilus consanguineus, *Macq. Dipt. Exot. Suppl.* 1, 93, 54.

Cayenne.

143. ASILUS GAYI.

Fœm. *Cinereus; antennarum articulo 3us elongatus; abdomen vitta dorsali lata nigra, incisuris cinereis; pedes nigri, tibiis rufis apice nigris; alæ hyalinæ, apice subfuscæ.*

Asilus Gayi, *Macq. Dipt. Exot.* i. 2, 148, 35. *Blanch. Gay, Hist. Fis. Chile, Zool.* iii. 270, 1, pl. 2, f. 12.

Chili.

144. ASILUS ANTIPHUS.

Asilus Antiphus, *Cat. of Diptera*, Pt. 2, 443.

Brazil.

145. ASILUS HEBES.

Fœm. *Cinereus; caput et pectus cana; mystax parvus, setis supra nigris, subtus albidis; thorax vittis duabus dorsalibus maculisque sex lateralibus nigricantibus; abdominis segmenta maculis quadratis dorsalibus nigris; pedes obscure fulvi, femoribus nigris; alæ subcinereæ.*

Cinereous. Head and pectus hoary. Mystax with black bristles above and with whitish bristles beneath. Thorax with two dorsal blackish stripes, and on each side with three blackish spots. Abdominal segments with large subquadrate dorsal blackish spots, which diminish in size towards the base; tip black, shining. Legs reddish tawny; coxæ and femora black; tibiæ indistinctly marked with black. Wings grayish; veins black. Halteres testaceous. Length of the body 5½—6 lines; of the wings 9—10 lines.

a, b. Santarem, Brazil. From Mr. Bates' collection.

146. ASILUS BALETUS.

Asilus Baletus, *Cat. of Diptera*, Pt. 2, 427.

Venezuela.

147. ASILUS RUFIPALPIS.

Fœm. *Ater; antennæ basi testaceæ; palpi rufi; abdomen cinereo pubescens; pedes castanei; alæ subcinereæ.*

Asilus rufipalpis, *Macq. Dipt. Exot.* i. 2, 146, 29.

Brazil.

148. ASILUS CTESICLES.

Asilus Ctesicles, *Diptera Saundersiana*, Pt. 2, 149.

South America.

149. ASILUS RUFINUS.

Mas. et fœm. *Rubidus; mystax flavido-albus, setis supra nonnullis nigris; thorax flavidus, fusco vittatus; alæ flavescentes.*

Asilus rufinus, *Wied. Zool. Mag.* iii. 47, 8; *Dipt. Exot.* i. 189, 12; *Auss. Zweifl.* i. 441, 25.

Brazil.

150. ASILUS LEONIDES.

Asilus Leonides, *Diptera Saundersiana*, Pt. 2, 150.

Rio Janeiro.

151. ASILUS CARBONARIUS.

Mas et fœm. *Anthracinus; mystax flavidus, nonnunquam albidus; thorax vittis et abdomen incisuris subcinereis; alæ subflavescentes, apice infumatæ.*

Asilus carbonarius, *Wied. Auss. Zweifl.* i. 454, 44.

Brazil.

152. ASILUS MACULARIS.

Mas et fœm. *Niger; mystax flavo-albus; thoracis latera helva; abdomen utrinque maculis niveis; alæ flavescentes.* Mas.—*Tibiæ flavido-fuscæ.*

Asilus macularis, *Wied. Dipt. Exot.* i. 193, 19; *Auss. Zweifl.* i. 447, 33. *Macq. Dipt. Exot.* i. 2, 147, 32.

Brazil.

153. ASILUS THERIMACHUS.

Asilus Therimachus, *Diptera Saundersiana*, Pt. 2, 137.

Brazil.

154. ASILUS LONGIUSCULUS.

Mas. *Cinereus; caput subtus et pectus albida, illum antice subauratum; mystax pallide flavus; thorax vittis tribus latissimis nigricantibus, lateralibus interruptis; abdominis dorsum nigricans, marginibus posticis cinereis, apice nigro nitido; pedes nigri, tibiis fulvis; alæ fuscæ; halteres nigri.*

Cinereous. Head pale and slightly gilded in front, whitish and clothed with white hairs beneath. Thorax with three very broad blackish stripes; middle one subdivided; lateral pair obliquely interrupted. Abdomen blackish above; hind borders of the segments cinereous. Sexualia black, shining. Legs black; tibiæ tawny. Wings brown; veins and halteres black. Length of the body 7 lines; of the wings 10 lines.

a. Santarem, Brazil. From Mr. Bates' collection.

155. ASILUS CLAVATUS.

Melleus; antennæ nigræ, basi fulvæ; palpi fulvi; pedes flavi, femoribus supra nigricantibus; alæ flavescentes. Mas.—*Anus crassus, lamella cornea munitus.*

Asilus clavatus, *Macq. Dipt. Exot.* i. 2, 147, 30.

Brazil.

156. ASILUS TENUIS.

Mas. *Albidus; mystax albus; antennæ nigræ, articulo 3o basi flavescente; thorax nigro vittatus; abdomen parum nigellum; pedes lutei, femoribus supra nigris, posticis fascia apicali nigra; alæ limpidæ, apice et margine postico cinereis.*

Asilus tenuis, *Wied. Auss. Zweifl.* i. 448, 35.

Brazil.

157. ASILUS MELLIPES.

Mas. *Cinereus; mystax flavescens; antennæ nigræ; thorax nigro vittatus; abdomen fuscum, utrinque canescens; pedes flavi, tibiis posticis femoribusque nigro vittatis; alæ subflavescentes.*

Asilus mellipes, *Wied. Auss. Zweifl.* i. 452, 41.

Brazil.

158. ASILUS MUCIUS.

Asilus Mucius, *Cat. of Diptera*, Pt. 2, 463.

,, Monte Video.

159. ASILUS HILARII.

Ater; barba alba; abdominis incisuræ albidæ; pedes mellei, femoribus tibiisque apice tarsisque nigris; alæ subflavescentes.

Asilus Hilarii, *Macq. Dipt. Exot.* i. 2, 147, 31.

Brazil.

160. ASILUS 6-MACULATUS.

Fœm. *Canus; caput subtus albo pilosum; mystax setis paucis albidis; thorax vittis duabus dorsalibus maculisque sex lateralibus nigricantibus; abdomen pubescens; pedes fulvi, femoribus posterioribus apice nigricantibus, tarsis nigricantibus basi fulvis; alæ subcinereæ.*

Hoary. Head clothed beneath with white hairs. Mystax small, with whitish bristles. Antennæ black. Thorax with two dorsal blackish stripes, and on each side with three blackish spots. Abdomen slightly pubescent; tips black, shining. Legs tawny; hind tarsi, and tips of the posterior femora, of the hind tibiæ, and of the anterior tarsi, black. Wings slightly grayish; veins black. Halteres testaceous. Length of the body 5 lines; of the wings 9 lines.

♀. Santarem, Brazil. From Mr. Bates' collection.

161. ASILUS LUTIPES.

Fœm. *Cinereus; mystax albidus; antennæ luteæ; thorax vittis tribus fuscescentibus; abdomen glaucescens; pedes lutei, femoribus tibiisque posticis apice fuscis; alæ sublimpidæ.*

Asilus lutipes, *Wied. Auss. Zweifl.* i. 454, 45.

Brazil.

162. ASILUS COLOMBIÆ.

Fœm. *Ater; antennæ basi, pedes, abdominisque segmenta 2um et 3um apud margines posticos testaceæ; alæ flavidæ, apice fuscanæ.*

Asilus Colombiæ, *Macq. Dipt. Exot.* i. 2, 148, 33.

Colombia.

163. Asilus Calatinus.

Asilus Calatinus, *Cat. of Diptera*, Pt. 2, 436.

Brazil.

Canary Isles.

A. Alæ non flavescentes.
  A. Mystax niger. - - - - - fuscus, *Macq.*
  B. Mystax albo-nigroque mixtus. - fuscifemoratus, *Macq.*
  C. Mystax niger, subtus parum albus. - nigrifemoratus, *Macq.*
  D. Mystax albus, supra parum niger. - dimidiatus, *Macq.*
B. Alæ subflavescentes. - - - - - Saulcyi, *Macq.*

164. Asilus fuscus.

Mas. *Nigricans; facies nigra, cinereo micans; barba alba; mystax niger; thorax cinereus, nigro vittatus; abdomen nigrum, incisuris albis; pedes nigri, tibiis posticis intus rufo pubescentibus, metatarso testaceo; alæ obscuræ, disco subhyalinæ.*

Asilus plebeius, *var.?*

Asilus fuscus, *Macq. Hist. des Iles Canaries, de Webb et Berthelot; Dipt. Exot.* i. 2, 139, 11.

165. Asilus fuscifemoratus.

Mas. *Cinereus; barba alba; mystax albo-nigroque mixtus; thorax fusco vittatus; abdomine nigrum, cinereo micans, incisuris albidis; pedes testacei, femoribus ante nigricantibus; alæ apice subobscuræ.*

Asilus fuscifemoratus, *Macq. Hist. des Iles Canaries, de Webb et Berthelot; Dipt. Exot.* i. 2, 139, 10.

166. Asilus nigrifemoratus.

Cinereus; facies barbaque albicantes; mystax niger, subtus parum albus; antennæ nigræ; thorax fusco vittatus; abdomen nigro micans, incisuris albis; pedes testacei, postici nigri; alæ apice subfuscæ.

Asilus nigrifemoratus, *Macq. Hist. Nat. des Iles Canaries, de Webb et Berthelot; Dipt. Exot.* i. 2, 138, 9.

Asilus varipes, *var.?*

167. Asilus dimidiatus.

Mas. *Cinereus; barba alba; mystax albus, supra parum niger; thorax nigro vittatus; abdomen fusco micans, incisuris albidis; pedes rufi; femoribus apice nigris, tarsis nigris basi rufis.* Long. 4½ lin.

Asilus dimidiatus, *Macq. Hist. des Iles Canaries, de Webb et Berthelot; Dipt. Exot.* i. 2, 140, 12.

Asilus striatus, *Meig., var.?*

168. Asilus Sauleyi.

Fœm. *Ater; mystax abdominis incisuræ albæ; pedes rufi, femoribus nigris; alæ subflavescentes.*

Asilus Sauleyi, *Macq. Dipt. Exot.* i. 2, 150, 39.

St. Lorenzo, Canary Isles.

Africa.

Group Lophonotus.

A. Mystax niger.
  A. Venæ cubitalis et externo-media 1a non conjunctæ.
    a. Corpus æneum, aut subæneum.
      a. Alæ subcinereæ. - - - - nigricans, *Wied.*
      b. Alæ subflavescentes. - - - - comatus, *Wied.*
    b. Corpus non ænescens. - - - - pellitus, *Wied.*
  B. Venæ cubitalis et externo-media 1a conjunctæ. heteroneurus, *Macq.*
B. Mystax albus, nigro varius.
  A. Alæ limpidæ.
    a. Abdomen maculis trigonis. - - - suillus, *Fabr.*
    b. Abdomen vitta nigella. - - - molitor, *Wied.*
    c. Abdomen unicolor. - - - - Isse, *Walk.*
  B. Alæ subfulvæ. - - - - - - Ladon, *Walk.*
C. Mystax rufus, nigro limbatus. - - - rufus, *Macq.*
D. Mystax flavus, nigro limbatus. - - - flavibarbis, *Macq.*
E. Mystax albus, nigro limbatus.
  A. Corpus ænescens.
    a. Venæ externo-mediæ 3a et 4a ad marginem conjunctæ. incisuralis, *Macq.*
    b. Venæ externo-mediæ 3a et 4a ante marginem conjunctæ. forcipatus, *Macq.*
  B. Corpus non ænescens. - - - geniculatus, *Macq.*
F. Mystax flavus.

A. Tibiæ nigræ.
  A. Corpus submetallicum. - - - chalcogaster, *Wied.*
  B. Corpus non metallicum. - - - Abuntius, *Walk.*
B. Tibiæ rufæ, apice nigræ.
  A. Alæ flavescentes. - - - - tibialis, *Macq.*
  B. Alæ limpidæ. - - - - - Noas, *Walk*
C. Tibiæ tarsique obscure fulva. - - Amazœnes, *Walk.*
D. Pedes fusci. - - - - - - Phæax, *Walk.*
G. Mystax flavescente albus. - - - Aphellas, *Walk.*
H. Mystax albus.
A. Femora subtus testacea. - - - - albibarbis, *Macq.*
B. Femora tota nigra.
  a. Abdomen fuscum, fasciis canis. - Androclea, *Walk.*
  b. Abdomen non fasciatum. - - - Paron, *Walk.*

Sub-group 1.

Mas. Corpus angustum. Caput subtus densissime pilosum. Facies convexa. Mystax densissime setosus, usque ad antennas ascendens. Proboscis crassa, lanceolata. Thorax subcompressus, carinatus. Abdomen thorace multo longius. Sexualia longa; forceps rectus, utrinque furcatus. Pedes validi, hirti, spinis crassis *breviusculis*; femora inerassata.

Radial vein as usual. Cubital vein forked at two-thirds of its length; forks nearly straight. First externo-medial vein much curved near its base; second straight; third forming a slightly acute angle with the præbrachial, joining the fourth rather far from the border. Subanal joining the anal at some distance from the border.

Asilus chalcogaster, *Wied.*

Sub-group 2.

Cubital vein forked at a little before two-thirds of its length; forks nearly straight, diverging. First externo-medial vein curved near the base; second straight; third very slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth not far from the border. Subanal joining the anal near the border.

Asilus Noas, *Walk.*; A. Isse, *Walk.*; A. Amazœnes, *Walk.*; A. Aphellas, *Walk.*

Sub-group 3.

Cubital vein forked at a little beyond two-thirds of its length; forks nearly straight. First and second externo-medial veins

straight; third very slightly curved, forming an almost right angle with the præbrachial, joining the fourth far from the border. Sub-anal joining the anal near the border.

Asilus Abuntius, *Walk.*

Sub-group 4.

Cubital vein forked at much beyond half its length; forks nearly straight. First and second externo-medial veins nearly straight; third slightly curved, forming a very slightly obtuse angle with the præbrachial, joining the fourth far from the border. Sub-anal joining the anal close to the border.

Asilus Paron, *Walk.*

160. ASILUS NIGRICANS.

Fœm. *Æneo-nigellus; mystax niger; antennæ nigræ; thorax nigro, cristatus; abdomen maculis trapezoideis æneis; tibiæ basi rufescentes; alæ subcinereæ.*

Asilus nigricans, *Wied. Dipt. Exot.* i. 195, 23; *Auss. Zweifl.* i. 453, 43.

Cape.

161. ASILUS COMATUS.

Fœm. *Æneseens; mystax niger; antennæ nigræ; thorax flavidus, cristatus, vitta lata fusca; abdomen flavo-fuscum, vitta e maculis nigro-æneis; alæ subflavescentes.*

Asilus comatus, *Wied. Dipt. Exot.* i. 193, 20; *Auss. Zweifl.* i. 449, 37.

Cape.

162. ASILUS PELLITUS.

Mas. et fœm. *Niger, cervino hirtus; mystax niger; antennæ nigræ; thoracis crista cervina, vitta nigra; abdominis vitta et incisuræ nigræ; alæ limpidæ, apice subflavescentes.*

Asilus pellitus, *Wied.*

Cape.

163. ASILUS HETERONEURUS.

Mas. *Æneus, cinereo pubescens; pedes nigris; alæ macula fuscana; venæ cubitalis et externo-media 1a conjunctæ.*

Lophonotus heteroneurus, *Macq. Dipt. Exot.* i. 2, 128, 7, pl. 10, f. 4.

Cape.

164. ASILUS SUILLUS.

Fœm. *Nigellus, albido hirtus; mystax albus, setis plurimis nigris; thorax crista nigra; abdomen maculis trigonis; tibiæ castaneo-fuscæ; alæ limpidæ.*

Dasypogon suillus, *Fabr.*
Lophonotus suillus, *Macq. Dipt. Exot.* i. 2, 126, 3, pl. 10, f. 7.
Cape.

165. ASILUS MOLITOR.

Mas. *Canus; albo pilosus; mystax albus, setis supra nonnullis nigris; antennæ nigræ; thorax fusco vittatus; abdomen vitta nigella; tibiæ basi rufescentes; alæ limpidæ.*

Asilus molitor, *Wied.*
Cape.

166. ASILUS ISSE.

Asilus Isse, *Cat. of Diptera*, Pt. 2, 449.
South Africa.

167. ASILUS LADON.

Asilus Ladon, *Cat. of Diptera*, Pt. 2, 412.
South Africa.

168. ASILUS RUFUS.

Mas. *Æneus, rufo hirsutus; mystax rufus nigro limbatus; tibiæ posteriores extus flavæ; alæ flavescentes.*

Lophonotus rufus, *Macq. Dipt. Exot.* i. 2, 129, 9, pl. 10, f. 6.
Cape.

169. ASILUS FLAVIBARBIS.

Mas. *Æneseens, flavido pubescens; mystax flavus-nigro limbatus, tibiæ basi castaneæ; alæ hyalinæ.*

Lophonotus flavibarbis, *Macq. Dipt. Exot.* i. 2, 127, 4.
Cape.

170. ASILUS INCISURALIS.

Mas. *Æneseens, albido pubescens; mystax albus, nigro limbatus; abdominis incisuræ albidæ; forceps brevis; alæ hyalinæ, venis externo-mediis 3a et 4a ad marginem conjunctis.*

Lophonotus incisuralis, *Macq. Dipt. Exot.* i. 2, 128, 6.
Cape.

171. ASILUS FORCIPATUS.

Mas. *Æneseens, cinereo pubescens; mystax albus, nigro limbatus; abdominis incisuræ albidæ; genua testacea; alæ subhyalinæ, venis externo-mediis 3a et 4a ante marginem conjunctis.*

Lophonotus forcipatus, *Macq. Dipt. Exot.* i. 2, 127, 5, pl. 10, f. 5.

Cape.

172. ASILUS GENICULATUS.

Fœm. *Nigellus, cinereo pubescens; mystax albidus, nigro limbatus; pedes viridi nigri, tibiis basi fulvis; alæ hyalinæ, areolarum marginalium et posticorum discis cinereis.*

Lophonotus geniculatus, *Macq. Dipt. Exot.* i. 2, 129, 8.

Cape.

173. ASILUS CHALCOGASTER.

Mas. et fœm. *Æneus; mystax aureo-flavus; antennæ nigræ; thorax nigro-cristatus; tibiæ basi castaneo-fuscæ; alæ subflavescentes.*

Asilus chalcogaster, *Wied. Zool. Mag.* iii. 35, 50; *Dipt. Exot.* i. 189, 13; *Auss. Zweifl.* i. 442, 26.

a. Cape. From Mr. Saunders' collection.

Var.? *Æneseens, cinereo pubescens; mystax aurantiacus; abdominis forceps elongatus; alæ flavescentes.*

Lophonotus auribarbis, *Macq. Dipt. Exot.* i. 2, 126, 1, pl. 10, f. 3.

Cape.

174. ASILUS ABUNTIUS.

Asilus Abuntius, *Cat. of Diptera*, Pt. 2, 447.

South Africa.

175. ASILUS TIBIALIS.

Fœm. *Viridi-niger; flavo pilosus; pedes nigri, tibiis rufis apice nigris; alæ flavescentes, areola 4a postica obliqua.*

Lophonotus tibialis, *Macq. Dipt. Exot.* i. 2, 126, 2.

Cape.

176. Asilus Noas.

Asilus Noas, *Cat. of Diptera*, Pt. 2, 448.
South Africa.

177. Asilus Amazænes.

Asilus Amazænes, *Cat. of Diptera*, Pt. 2, 447.
South Africa.

178. Asilus Phœax.

Asilus Phœax, *Cat. of Diptera*, Pt. 2, 412.
South Africa.

179. Asilus Aphellas.

Asilus Aphellas, *Cat. of Diptera*, Pt. 2, 447.
South Africa.

180. Asilus albibarbis.

Fœm. *Niger; barba mystaxque alba; pedes testacei, femoribus supra nigris; alæ subhyalinæ.*

Lophonotus albibarbis, *Macq. Dipt. Exot. Suppl.* 1, 87, 12.
Cape.

181. Asilus Androclea.

Asilus Androclea, *Cat. of Diptera*, Pt. 2, 411.
South Africa.

182. Asilus Paron.

Asilus Paron, *Cat. of Diptera*, Pt. 2, 450.
South Africa.

A. Mystax ferrugineo-nigroque varius. - - Schedius, *Walk.*
B. Mystax albo-nigroque varius.
  A. Pedes nigri.
    a. Tibiæ basi testaceæ. - - - fusco-cinereus, *Macq.*
    b. Tibiæ posticæ rufæ. - - - - periscelis, *Macq.*
    c. Tibiæ subtestaceæ. - - - incisuralis, *Macq.*
  B. Pedes fulvi, extus fusco-castanei. - Ægyptius, *Macq.*
C. Mystax niger, subtus flavus.
  A. Alæ hyalinæ. - - - - - forficula, *Macq.*

B. Alæ flavescentes, apice fuscescentes. - nigribarbis, *Macq.*
D. Mystax rufus. - - - - - - hirsipes, *Macq.*
E. Mystax flavus aut flavescens.
A. Pedes nigro-æneï, tibiis testaceis. - flavo-pilosus, *Macq.*
B. Pedes badii. - - - - - - brunnipes, *Fabr.*
C. Pedes ferruginei, femoribus nigro vittatus. Scaurus, *Walk.*
D. Pedes fulvi. - - - - - - - dubius, *Macq.*
F. Mystax albus aut albidus.
A. Alæ macula apicali fusca. - - - acrobaptus, *Wied.*
B. Alæ non maculatæ.
a. Abdomen fusco maculatum. - - - dorsiger, *Wied.*
b. Abdomen non maculatum.
a. Corpus flavidum. - - - - Osiris, *Wied.*
b. Corpus cinereum aut albidum.
E. Pedes ex parte pallidi.
i. Femora et tibiæ apice nigra. - bipartitus, *Macq.*
ii. Femora nigro vittata. - - - femoralis, *Wied.*
F. Pedes cinerei. - - - - - - - Alastor, *Walk.*
G. Mystax ———? - - - - - - Tangeri, *Boisd.*

Group 1.

Corpus magnum. Caput densissime pilosum. Facies valde convexa. Mystax dense setosus. Proboscis lanceolata. Antennarum articulus 1us 2o longior; 3us lanceolatus, 1o et 2o conjunctim æqualis; arista valida, 3o multo brevior. Thorax et abdominis incisuræ setis lateralibus albis. Abdomen subcylindricum, thorace duplo longius. Pedes validi, hirti, albo spinosi. *Mas.*—Abdomen sublineare. Sexualia parva, hirta. *Fœm.*—Abdomen oblanceolatum, apice compresso lævi nitido.

Cubital vein forked at very much beyond half its length; fore fork almost straight; hind fork slightly undulating. First and second externo-medial veins straight, excepting a very obtuse angle near the base of the first; third slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus Scaurus, *Walk.*

Group 2.

Mas. Corpus mediocre, fere nudum. Caput subtus pilosum. Facies fere plana. Mystax parce setosus. Proboscis sublinearis. Antennarum articulus 1us 2o multo longior; 3us lanceolatus, 1o vix longior; arista sat valida, 3o vix brevior. Thorax setis paucis

lateralibus et posticis. Abdomen gracile, suboblanceolatum, thorace duplo longius, incisuris utrinque parce setosis. Sexualia minima. Pedes validi, spinosi, parce hirti.

Wings ribbed transversely, and slightly dilated in front along the stigma. Cubital vein forked at a little before two-thirds of its length; fore fork slightly undulating; hind fork nearly straight. Externo-medial veins nearly straight; third forming an obtuse angle with the præbrachial, joining the fourth very far from the border. Subanal joining the anal near the border. Discal areolet very narrow, except at each end, on account of the curve of the præbrachial hind fork.

Asilus dubius, *Macq.*

Group 3.

Fœm. Corpus gracile, fere nudum. Caput subtus pilosum. Facies plana. Mystax parvus, setis paucis. Proboscis gracilis, linearis. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o vix brevior; arista 3o paullo longior. Thoracis latera setis paucis. Abdomen longi-oblanceolatum, thorace triplo longius. Pedes graciles, breviusculi, parum spinosi.

Radial vein curved at its tip. Cubital forked at before half its length; fore fork forming at its base a slightly obtuse angle, which emits a branch, hardly curved from thence to its tip; hind fork curved towards the first externo-medial, and joining it close to the border. First and second externo-medial veins nearly straight; third slightly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Asilus femoralis, *Wied.*

Group 4.

Mas. Corpus longiusculum, fere nudum. Caput ademptum. Thoracis latera et abdomen setis paucis. Abdomen vix oblanceolatum, apice fasciculatum, thorace plus duplo longius. Sexualia parva. Pedes graciles, setosi, vix hirti.

This differs much from the other groups of *Asilus*, and may possibly belong to another genus.

Radial vein joining the subcostal very far from the tip of the latter. Cubital forked at about two-thirds of its length; fore fork nearly straight, joining the subcostal very near the tip of the latter;

hind fork and first externo-medial vein slightly curved forward, and parallel to each other; second externo-medial nearly straight; third forming a slightly acute angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal far from the border.

Asilus Alastor, *Walk.*

183. ASILUS SCHEDIUS.

Asilus Schedius, *Cat. of Diptera*, Pt. 2, 430.

South Africa.

184. ASILUS FUSCO-CINEREUS.

Mas. *Fusco-cinereus; abdomen micans, linea dorsali nigra, incisuris cinereis; pedes nigri, tibiis basi testaceis; alæ flavescentes, apice subfuscæ.*

Asilus fusco-cinereus, *Macq. Dipt. Exot.* i. 2, 137, 7; *Explor. Scient. Alg.* iii. *Ins.* 440, 73.

Algiers.

185. ASILUS PERISCELIS.

Cinereo-flavescens; mystax nigro-alboque varius; barba alba; thorax vittis nigris; abdomen nigrum, cinereo tomentosum; pedes nigri, tibiis posticis rufis; alæ limpidæ, apice cinereæ; halteres flavi.

Asilus periscelis, *Macq. Expl. Scient. Alg.* iii. *Ins.* 442, 79, pl. 3, f. 3.

Algeria.

186. ASILUS INCISURALIS.

Mas. *Ater; thorax cinereus, nigro vittatus; abdomen basi incisurisque albidis; tibiæ subtestaceæ; alæ fuscanæ, dilatatæ.*

Asilus incisuralis, *Macq. Dipt. Exot.* i. 2, 140. 13.

Cape.

187. ASILUS ÆGYPTIUS.

Mas. *Ater; abdominis incisuræ albidæ; anus fulvus; pedes fulvi, extus fusco-castanei; alæ hyalinæ, apice subcinereæ.*

Asilus Ægyptius, *Macq. Dipt. Exot.* i. 2, 137, 5.

Egypt.

188. ASILUS FORFICULA.

Niger; mystax subtus flavus; antennæ basi testaceæ; thorax cinereus, vittis nigris; abdomen cinereo tomentosum; pedes fulvi; alæ hyalinæ.

Asilus forficula, *Macq. Dipt. Exot. Suppl.* 1, 90, 45, pl. 8, f. 16.

Caffraria.

189. ASILUS NIGRIBARBIS.

Fœm. *Flavo tomentosus; mystax niger, setis nonnullis inferioribus flavescentibus; thorax nigro-fusco vittatus, margine postico scutelloque albo pilosis; abdomen nigro-cinereum, maculis dorsalibus violaceo nigris; pedes fulvi, hirsuti, femoribus nigro-æneis; alæ flavescentes, apice fuscescentes.*

Asilus nigribarbis, *Macq. Dipt. Exot. Suppl.* 1, 88, 43.

Caffraria.

190. ASILUS HIRTIPES.

Niger; mystax barbaque rufa; abdomen vitta dorsali flavida ornatum; pedes hirti, tibiis testaceis apice nigris, tarsis basi testaceis; alæ subrufescentes, venarum discis fuscescentibus; halteres fulvi.

Asilus hirtipes, *Macq. Expl. Scient. Alg.* iii. *Ins.* 440, 72, pl. 2, f. 9.

Algeria.

191. ASILUS FLAVO-PILOSUS.

Flavidus; mystax barbaque flavida; thorax vittis nigris; abdomen nigrum; pedes nigro-æneï, tibiis testaceis; alæ limpidæ, areolarum posticarum discis subcinereis.

Asilus flavo-pilosus, *Macq. Expl. Scient. Alg.* iii. *Ins.* 441, 75.

Algeria.

192. ASILUS BRUNNIPES.

Fœm. *Flavo virens; mystax flavescens; antennæ flavo-cinereæ, apice nigræ; abdominis incisuræ gilvæ; pedes badii; alæ limpidæ, apice subcinereæ, costa subflavescentes.*

Asilus brunnipes, *Fabr. Ent. Syst.* iv. 384, 35. *Coqueb. Ill. Icon.* 114, pl. 25, f. 24. *Wied. Auss. Zweifl.* i. 428, 6.

Barbary.

193. Asilus Scaurus.

Asilus Scaurus, *Cat. of Diptera*, Pt. 2, 464.

Tripoli.

194. Asilus dubius.

Flavidus; mystax flavus; antennæ nigræ, basi testaceæ; thorax vittis nigris; abdomen maris *cinereum*, fœm. *vitta dorsali nigra; pedes fulvi; alæ* maris *rufescentes dilatatæ*, fœm. *hyalinæ.*

Asilus dubius, *Macq. Dipt. Exot. Suppl.* 1, 89, 44, pl. 8, f. 15.

Connects *Asilus* with *Erax*.

South Africa.

Var.? Mas. *Cinereus; caput subtus albo pilosum; mystax albido testaceus; thorax vitta dorsali interlineata duabusque lateralibus interruptis nigro-fuscis; abdomen vitta dorsali interrupta nigra-fusca; pedes fulvi, femoribus extus tarsisque nigris; alæ sublimpidæ, antice et apud venas subfuscescentes.*

Male. Cinereous. Head whitish, and with whitish hairs behind and beneath. Mystax with whitish testaceous bristles. Antennæ black. Thorax with three blackish brown stripes; the middle one divided; the lateral pair interrupted. Abdomen with an interrupted dorsal brown-bordered black stripe; tip clothed beneath with yellowish hairs. Legs tawny; femora on the outer side and tarsi black. Wings slightly brownish, nearly tipped at the base and along most of the hind border; veins black, ferruginous at the base. Halteres pale yellow. Length of the body 7 lines; of the wings 11 lines.

a. Port Natal. From M. Gueinzius' collection.

195. Asilus acrobaptus.

Mas. *Canescens; mystax albus; antennæ nigræ; thorax vittatus; abdomen nigrum, marginibus fasciisque canis; tibiæ rufescentes; alæ subflavescentes, macula apicali fusca.*

Asilus acrobaptus, *Wied. Auss. Zweifl.* i. 449, 36.

Cape.

Mauritius.

Group LOPHONOTUS.

202. ASILUS BREONII.

Mas. *Nigellus, cinereo pubescens; mystax albidus; abdominis incisuræ albidæ; alæ flavescentes.*

Lophonotus Breonii, *Macq. Dipt. Exot.* i. 2, 129, 10.

Mauritius.

Asia, Arabia.

203. ASILUS ARABICUS.

Cinereus; antennæ nigræ, basi rufæ; pedes rufi; alæ subflavescentes, apice cinereæ.

Asilus Arabicus, *Macq. Dipt. Exot.* i. 2, 136, 4.

Arabia.

Persia.

204. ASILUS LONGITARSIS.

Fœm. *Albidus; scutellum cinereum; abdomen rufum; pedes nigri, gracilis; alæ hyalinæ.*

Asilus longitarsis, *Macq. Dipt. Exot.* i. 2, 140, 14.

Persia.

205. ASILUS LUCIDUS.

Orichalceo micans; mystax flavescens, setis supra nonnullis nigris; thorax fusco trivittatus; pedes picei, tibiis basi badiis; alæ vix flavescentes.

Asilus lucidus, *Wied. Zool. Mag.* ii. 30; *Dipt. Exot.* i. 184, 3; *Auss. Zweifl.* i. 429, 7.

Persia.

206. ASILUS PALLENS.

Mas. *Cinereus; mystax flavescens; antennæ nigræ; basi flavescentes; thorax vitta gemina fusco utrinque in nodum dilatata; abdomen flavescens; pedes helvoli; alæ limpidæ, apice subcinereæ.*

Asilus pallens, *Pallas; Wied. Zool. Mag.* ii. 2; *Dipt. Exot.* i. 194, 21; *Auss. Zweifl.* i. 451, 39.

Deserts to the South of the Caspian Sea.

196. Asilus dorsiger.

Fœm. *Canescens; mystax albus; antennæ nigræ; thorax vittatus; abdomen e maculis subrhomboidalibus fuscis vittatum, incisuris albis; pedes rufescentes, femoribus supra nigris; alæ limpidæ, venis flavido marginatis.*

Asilus dorsiger, *Wied. Auss. Zweifl.* i. 436.

Egypt.

197. Asilus Osiris.

Fœm. *Flavidus; mystax albus; antennæ nigræ; thorax vitta media latissima distinctissima nigella; abdominis incisuræ certo situ albidæ; pedes nigelli, tibiis basi rubidis; alæ limpidæ, apice fusco-cinereæ.*

Asilus Osiris, *Wied. Auss. Zweifl.* i. 452, 42.

Egypt.

198. Asilus bipartitus.

Albidus; mystax barbaque albida; thorax vittis nigris; abdomen cinereo-fuscanum; femora tibiæque antice nigra, postice testacea; alæ sublimpidæ, apice cinereæ; halteres testacei.

Asilus bipartitus, *Macq. Expl. Scient. Alg.* iii. *Ins.* 442, 78, pl. 3, f. 2.

Algeria.

199. Asilus femoralis.

Cinereus; antennæ rufescentes; thorax vitta et utrinque puncto fuscis; pedes rufescentes, femoribus nigro vittatis; alæ limpidæ.

Asilus femoralis, *Wied.*

Egypt.

200. Asilus Alastor.

Asilus Alastor, *Cat. of Diptera*, Pt. 2, 444.

South Africa.

201. Asilus Tangeri.

Ferrugineus; thorax vitta dorsali striisque lateralibus nigris; alæ fuscescentes.

Asilus Tangeri, *Boisd. Voy. de l'Astrolabe, Atlas Ent.* pl. 12, f. 8.

Algeria.

East Indies, Java, Sumatra, China.

A. Mystax niger.
  A. Pedes rufi. - - - - - - - opulentus, *Walk.*
  B. Pedes nigri. - - - - - - - atratulus, *Walk.*
B. Mystax niger, fulvo aut flavo varius. - - clavipes, *Macq.*
C. Mystax albidus, nigro varius. - - appendiculatus, *Macq.*
D. Mystax aureus, flavus, aut flavido-albus.
  A. Alæ flavæ aut subflavæ, apice obscuriores.
    A. Femora nigra. - - - - flavescens, *Fabr.*
    B. Femora nigro vittata. - - - Philus, *Walk.*
    C. Femora pallida.
      a. Abdomen atrum, fulvo fasciatum. - longistylus, *Wied.*
      b. Abdomen fuscum, incisuris flavidis. Bengalensis, *Macq.*
        Abdomen fulvum, apice fuscanum. - nudipes, *Macq.*
  B. Alæ flavescentes. - - - - - - Chinensis, *Fabr.*
  C. Alæ limpidæ, venis flavo-fusco limbatis. penultimus, *Walk.*
  D. Alæ limpidæ, vix flavescentes. - - xanthopus, *Wied.*
  E. Alæ limpidæ aut sublimpidæ.
    A. Femora nigra. - - - - - - bifidus, *Fabr.*
    B. Femora nigra, ferrugineo varia. - Congedus, *Walk.*
    C. Femora flava.
      a. Antennæ nigræ. - - - - griseus, *Wied.*
      b. Antennæ rufæ, apice nigræ. - - Duvaucelii, *Macq.*
E. Mystax cinereus. - - - - - pusio, *Wied.*
F. Mystax cinereo-albidus. - - - - annulatus, *Fabr.*
G. Mystax albus, aut albidus.
  A. Antennæ nigræ.
    A. Alæ subflavescentes. - - - - agilis, *Wied.*
    B. Alæ hyalinæ.
      a. Thorax vitta fusca. - - - - lætus, *Wied.*
      b. Thorax non vittatus. - - - trifarius, *Macq.*
  B. Antennæ fulvæ, aut flavæ.
    A. Alæ subfulvæ. - - - - - Iamenus, *Walk.*
    B. Alæ hyalinæ.
      a. Thorax cinereus. - - - - flavicornis, *Macq.*
      b. Thorax fuscus, lateribus fulvis, aut canis.
        i. Femora nigro vittata. - - paterculus, *Walk.*
        ii. Femora non vittata. - - - præfiniens, *Walk.*
      c. Thorax fuscus, vittis quinque fulvis. - Barium, *Walk.*

Group 1.

Fœm. Corpus parvum, gracile. Caput subtus parce pilosum. Facies parum convexa. Mystax dense setosus, ad antennas fere ascendens. Proboscis lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o non longior; arista 3o vix longior. Abdomen oblanceolatum, thorace duplo longius, alas non superans, apicem versus compressum et substylatum. Pedes validi, spinosi, parce hirti; antici longissime spinosi.

Cubital vein very long, forked at much before half its length; fore fork nearly straight; hind fork slightly undulating. Externo-medial veins nearly straight; third forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus atratulus, *Walk.*

Group 2.

Fœm. Corpus latum, dense hirtum. Caput subtus pilosum. Facies subconvexa. Mystax sat dense setosus. Proboscis crassa, lanceolata. Abdominis dimidium basale obconicum, thorace non longius; dimidium apicale stylatum. Pedes crassi, spinosi, parce hirti.

Radial vein straight, curved at its tip, joining the subcostal at some distance from the tip of the latter. Fore fork of the cubital hardly undulating; hind fork rather deeply undulating. First externo-medial curved near the base; second almost straight; third slightly curved, forming a slightly obtuse angle with the pæbrachial, joining the fourth at some distance from the border. Subanal joining the anal at some distance from the border.

Asilus Philus, *Walk.*

Group 3.

Corpus mediocre aut majusculum, fere nudum. Caput subtus parce pilosum. Facies subconvexa. Mystax parce setosus. Proboscis gracilis, lanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o multo brevior; arista 3o duplo longior. Thoracis abdominisque latera parce setosa. Thorax abdomine duplo latius. Abdomen oblanceolatum, thorace fere duplo longius, alas superans. Pedes robusti, spinosi, parce hirti. Alæ dilatatæ; venæ costalis et subcostalis conjunctæ. *Mas.*—

Sexualia parva; forceps gracilis, subarcuatus. *Fœm.* — Abdomen apice acuminatum non compressum.

Wings dilated and ribbed transversely in front beyond the middle; costal and subcostal veins united. Radial vein undulating, incrassated before the middle. Cubital vein incrassated from the base to the fork, forked at rather beyond half its length; forks slightly undulating; hind fork joined by an incrassated veinlet with the fore fork of the præbrachial; hind fork of the præbrachial much curved, whereby the middle of the discal areolet is much straightened. First and second externo-medial veins straight; third curved, forming a very obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus flavicornis, *Macq.*; A. Barium, *Walk.*; A. Iamenus, *Walk.*

207. Asilus opulentus.

Asilus opulentus, *Diptera Saundersiana*, Pt. 2, 150.

East Indies.

208. Asilus atratulus.

Fœm. *Niger, cinereo tomentosus; caput antice albidum, subtus albo pilosum; thorax nigro trivittatus; alæ cinereæ, apud baseos sublimpidæ.*

Fem. Black, with cinereous tomentum. Head whitish in front, with white hairs beneath. Mystax black, with very long bristles. Thorax with three indistinct blackish stripes. Abdomen black and shining towards the tip. Legs black, with short hairs and long slender spines. Wings gray, nearly limpid at the base and in the basal half of the disk. Halteres whitish yellow. Length of the body 5 lines; of the wings 8 lines.

a. Java. From the East India Company's collection.

209. Asilus clavipes.

Fœm. *Ater, cinereo pubescens; antennæ basi testaceæ; pedes flavi; alæ hyalinæ, apice subcinereæ.*

Asilus clavipes, *Macq. Dipt. Exot.* i. 2, 142, 19.

Allied to Asilus pusio, *Wied.*

Java.

210. Asilus appendiculatus.

Mas. *Ater, cinereo pubescens; mystax albidus, nigro varius; anus appendice filiformi munitus; tibiæ posticæ testaceæ; alæ hyalinæ.*

Asilus appendiculatus, *Macq. Dipt. Exot. Suppl.* 3, 29, 63, pl. 2, f. 3.

Java.

211. Asilus flavescens.

Mas. *Flavidus; mystax flavescens; antennæ nigræ, basi rufescentes; thorax vittis olivaceo-fuscanis; abdomen fuscanum, fulvo pilosum; pedes nigri, tibiis rubidis; alæ flavescentes, apice cinereæ.*

Dasypogon flavescens, *Fabr. Syst. Antl.* 169, 26.
Asilus flavescens, *Wied. Auss. Zweifl.* i. 437, 20.

Java. Sumatra.

212. Asilus Philus.

Asilus Philus, *Cat. of Diptera*, Pt. 2, 393.

Silhet.

213. Asilus longistylus.

Fulvus; mystax aureus; antennæ nigræ; thorax vittis nigellis; abdomen atrum, fulvo fasciatum; pedes rubidi, femoribus basi genubus tarsisque nigris; alæ flavidæ, apice cinereæ.

Asilus longistylus, *Wied. Auss. Zweifl.* i. 433, 13.

Java.

214. Asilus Bengalensis.

Rufescens; antennæ flavæ; mystax barbaque flavescentia; abdomen fuscum, incisuris flavidis, fœm. *apice attenuatum; pedes rufi,* fœm. *femoribus posterioribus apice nigricantibus; alæ flavidæ, apice fuscæ.*

Asilus Bengalensis, *Macq. Dipt. Exot.* i. 2, 141, 16, pl. 12, f. 2.

Bengal.

215. Asilus nudipes.

Fœm. *Facies et mystax aurea; thoracis dorsum nigrum lineis albidis; abdomen fulvum, apice fuscanum; pedes fulvi, subnudi; alæ flavæ, apice fuscanæ.*

Asilus nudipes, *Macq. Dipt. Exot. Suppl.* 2, 42, 56.

East Indies.

216. ASILUS CHINENSIS.

Flavidus; mystax flavescens; antennæ ferrugineæ; thorax fusco vittatus; abdomen vitta media obsoleta fusca; pedes ferruginei; alæ flavescentes.

Asilus Chinensis, *Fabr. Ent. Syst.* iv. 383, 34. *Wied. Dipt. Exot.* i. 185, 6; *Auss. Zweifl.* 434, 14.

China.

217. ASILUS PENULTIMUS.

Asilus penultimus, *Diptera Saundersiana*, Pt 2, 134.

East Indies.

218. ASILUS XANTHOPUS.

Mas et fœm. *Flavidus; mystax albo-flavescens; antennæ flavæ, apice nigræ; thorax fulvus, vix vittatus; abdomen incisuris flavis; pedes mellei, femoribus posticis apice nigro-fuscis; alæ limpidæ, vix flavescentes.*

Asilus xanthopus, *Wied. Zool. Mag.* iii. 5, 6; *Dipt. Exot.* i. 186, 7; *Auss. Zweifl.* i. 436, 18.

Java.

219. ASILUS BIFIDUS.

Fœm. *Canus; mystax flavescens; thorax nigro vittatus; abdomen nigrum, argenteo fasciatum; pedes nigri, tibiis testaceis; alæ sublimpidæ.*

Dasypogon bifidus, *Fabr. Syst. Antl.* 170, 30.

Asilus bifidus, *Wied. Dipt. Exot.* i. 190, 14; *Auss. Zweifl.* i. 443, 29.

Tranquebar.

220. ASILUS CONGEDUS.

Asilus Congedus, *Diptera Saundersiana*, Pt. 2, 138.

East Indies.

221. ASILUS GRISEUS.

Fœm. *Cinereus; mystax flavescens; antennæ nigræ; thorax vitta latissima fusca; abdomen cinereo-fuscum; pedes saturate flavi, femoribus tibiis tarsisque apice nigris; alæ limpidæ.*

Asilus griseus, *Wied. Dipt. Exot.* i. 192, 17; *Auss. Zweifl.* i. 442, 27.

Java.

222. ASILUS DUVAUCELII.

Mas. *Cinereus; antennæ rufæ, apice nigræ; thorax nigro vittatus; abdomen trifariam nigro maculatum; pedes flavis, femoribus et tibiis apice tarsisque nigris; alæ hyalinæ, subdilatatæ.*

Asilus Duvaucelii, *Macq. Dipt. Exot.* i. 2, 141, 15, pl. 12, f. 1.

Bengal.

223. ASILUS PUSIO.

Cinereus; thorax lineis transversis albidis; pedes flavido-testacei; alæ hyalinæ, margine postico subobscuro.

Asilus pusio, *Wied. Zool. Mag.* iii. 36, 52; *Dipt. Exot.* i. 195, 25; *Auss. Zweifl.* i. 455, 47. *Macq. Dipt. Exot.* i. 2, 143, 20.

Java.

224. ASILUS ANNULATUS.

Mas. et fœm. *Cinereus; mystax cinereo-albidus; antennæ flavæ, apice fuscæ; thorax vitta fusca; abdomen fusco trivittatum; pedes flavi; alæ limpidæ, apice cinereæ.*

Asilus annulatus, *Fabr. Syst. Ent.* 794, 15; *Ent. Syst.* iv. 384, 37. *Wied. Dipt. Exot.* i. 205, 42; *Auss. Zweifl.* i. 434, 15.

Dasypogon annulatus, *Fabr. Syst. Antl.* 171, 32.

East Indies.

225. ASILUS AGILIS.

Mas. *Cinereus; mystax albus; antennæ nigræ; thorax nigro vittatus; abdomen nigrum, flavido fasciatum; pedes nigri; alæ subflavescentes, apice subcinereæ.*

Asilus agilis, *Wied. Auss. Zweifl.* i. 456, 48.

Java.

226. ASILUS LÆTUS.

Fœm. *Cinereus; mystax albus; antennæ nigræ; thorax vitta media lata fusca; abdomen maculis geminis fuscis; alæ limpidæ, apice cinereæ.*

Asilus lætus, *Wied. Anal. Entom.* 24, 17; *Auss. Zweifl.* i. 435, 16.

East Indies.

227. ASILUS TRIFARIUS.

Mas. *Cinereus; antennæ nigræ; abdomen trifariam fusco maculatum; pedes mellei; alæ hyalinæ, apice margineque postico obscuris.*

Asilus trifarius, *Macq. Dipt. Exot.* i. 2, 142, 19.

Pondicherry.

228. ASILUS IAMENUS.

Asilus Iamenus, *Cat. of Diptera*, Pt. 2, 428.

229. ASILUS FLAVICORNIS.

Mas. *Cinereus; antennæ flavæ; palpi fulvi; abdomen linea dorsali fusca, incisuris albidis; pedes fulvi, femoribus nigro vittatis; tibiis et tarsorum articulis apice tarsisque posticis nigris; alæ hyalinæ, subdilatatæ.*

Asilus flavicornis, *Macq. Dipt. Exot.* i. 2, 142, 17.

Bengal.

a. Ceylon. Presented by R. Templeton, Esq.

230. ASILUS PATERCULUS.

Asilus paterculus, *Diptera Saundersiana*, Pt. 2, 146.

East Indies.

231. ASILUS PRÆFINIENS.

Asilus præfiniens, *Diptera Saundersiana*, Pt. 2, 146.

East Indies.

232. ASILUS BARIUM.

Asilus Barium, *Cat. of Diptera*, Pt. 2, 426.

Ceylon.

Fem. Head narrower, and thorax much more slender than that of the male. Abdomen brown; base and hind borders of the segments pale tawny; apical third part stylate, blackish. Wings not dilated in front; their veins not incrassated.

a, *b*. Sumatra. From Sir Stamford Raffles' collection.

Australia.

A. Mystax niger.
- *A*. Tibiæ nigræ, basi ferrugineæ. - - villicatus, *Walk.*
- *B*. Tibiæ fulvæ. - - - - - obumbratus, *Walk.*

B. Mystax niger, fulvo-flavo aut flavido-albo varius.
- *A*. Pedes nigri. - - - - - laticornis, *Macq.*
- *B*. Pedes nigri; tibiæ dimidio basali fulvo. - Pelago, *Walk.*
- *C*. Femora nigra. - - - - - - exilis, *Macq.*
- *D*. Femora fulvo-nigra; tibiæ triente apicali nigro. Maricus, *Walk.*
- *E*. Femora cinerea. - - - - - Cædicius, *Walk.*
- *F*. Femora castanea. - - - - rubrithorax, *Macq.*
- *G*. Femora rufa, flava, aut testacea.
  - A. Alæ fuscanæ, aut subfulvæ.
    - *a*. Femora apice nigra.
      - i. Abdomen testaceum. - - Tasmaniæ, *Macq.*
      - ii. Abdomen rufum, apice nigrum. - giganteus, *Macq.*
    - *b*. Femora non apice nigra.
      - i. Alæ subfuscescentes. - - nigritarsis, *Macq.*
      - ii. Alæ flavo-fuscescentes.
        - * Abdomen fulvum. - - grandis, *Macq.*
        - ** Abdomen fuscum. - - Malleolus, *Walk.*
      - iii. Alæ subfulvæ. - - - - Alcetus, *Walk.*
  - B. Alæ subflavescentes, apice subcinereæ. - murinus, *Macq.*
  - C. Alæ subcinereæ, venis fulvo limbatis. - discutiens, *Walk.*

C. Mystax niger, albo varius.
- *A*. Femora nigra.
  - A. Tibiæ posticæ nigræ. - - - - australis, *Macq.*
  - B. Tibiæ posticæ pallidæ.
    - *a*. Tarsi postici testacei. - - acutangulatus, *Macq.*
    - *b*. Tarsi postici nigri.
      - i. Alæ subflavescentes. - - - armatus, *Macq.*
      - ii. Alæ limpidæ. - - - - Antilco, *Walk.*
      - iii. Alæ limpidæ, apice subfuscæ. - Margitis, *Walk.*
      - iv. Alæ subcinereæ aut cinereæ.
        - * Tarsi toti nigri.
          - † Abdomen tessellatum. - - rudis, *Walk.*
          - †† Abdomen non tessellatum. - luctiferus, *Walk.*

** Tarsi basi rufi. - - - - Sicitus, *Walk.*
v. Alæ cinereæ, apice subfuscescentes. fraternus, *Macq.*
B. Pedes ferruginei. - - - - - Trachalus, *Walk.*
C. Femora rufa. - - - - - - Blasio, *Walk.*
D. Pedes rufi. - - - - - inglorius, *Macleay.*
E. Pedes testacei; femora nigro vittata. - Alicis, *Walk.*

D. Mystax flavus aut albo-flavus.
A. Pedes nigricantes. - - - - mutilatus, *Walk.*
B. Femora castanea.
A. Thorax nigro vittatus. - - - Sydneensis, *Macq.*
B. Thorax fusco vittatus. - - - Hyagnis, *Walk.*
C. Femora rufa aut testacea.
A. Thorax nigro vittatus.
a. Thorax castaneus. - - - rufiventris, *Macq.*
b. Thorax albidus. - - - - Jacksonii, *Macq.*
c. Thorax disco nigricante - - - alligans, *Walk.*
B. Thorax fusco vittatus.
a. Abdomen nigrum, aurato fasciatum. caudatus, *Fabr.*
b. Abdomen flavo-fuscum, apice nigrum. Centho, *Walk.*
c. Thorax nigro cinereus, vittis tribus rubidis. plicatus. *Leach.*

E. Mystax albus aut albidus.
A. Femora nigro vittata. - - - - vittipes, *Macq.*
B. Femora non vittata.
A. Thorax nigro vittatus. - - - filiferus, *Macq.*
B. Thorax fusco vittatus. - - - - planus, *Walk.*
C. Thorax non vittatus. - - - Amycla, *Walk.*

Group 1.

Fœm. Corpus parvum, gracile, hirtum. Caput subtus dense pilosum. Facies subconvexa. Mystax mediocris, dense setosus. Proboscis sublanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o paullo longior; arista 3o non longior. Thoracis latera setosa. Abdomen sublineare, thorace plus duplo longius, apice nitens compressum, alas paullo superans. Pedes gracillimi, parce spinosi, vix hirti.

Radial as usual. Subcostal vein forked at much beyond half the length; forks nearly straight. First, second and third externo-medial veins nearly straight; third forming an obtuse angle with the præbrachial, joining the fourth very far from the border. Sub-anal joining the anal on the border.

Asilus villicatus, *Walk.*

Group 2.

Corpus magnum, parce hirtum, Caput subtus dense pilosum. Facies vix convexa. Mystax sat dense setosus. Proboscis brevis, crassa, lanceolata. Antennarum articulus 1us 2o duplo longior; 3us longiconicus, 1o æqualis; arista 2o duplo longior. Thorax utrinque et postice setosus. Abdomen depressum, alas non superans, thorax vix duplo longius. Pedes validi, spinosi, parce hirti. *Mas.*—Abdomen lineare. Sexualia parva, arcuata. *Fœm.*—Abdomen oblanceolatum, apice subcompressum.

Cubital vein forked at very much beyond half its length; forks slightly curved. First externo-medial much curved near the base; second straight; third slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth very far from the border. Subanal joining the anal very far from the border.

Asilus Pelago, *Walk.*

Group 3.

Mas.—Corpus longiusculum, hirtum. Caput subtus densissime pilosum. Facies convexa. Mystax sat dense setosus. Proboscis lanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us 1o paullo brevior; arista 3o vix brevior. Thoracis latera et scutellum parce setosa. Abdomen sublineare, thorace plus duplo longius, alas longe superans. Sexualia parva. Pedes robusti, spinosi, hirti. Alæ breviusculæ.

Radial as usual. Cubital vein forked at very much beyond half its length; forks nearly straight. First and second externo-medial veins nearly straight; third curved, forming a slightly obtuse angle with the præbrachial, joining the fourth close to the border. Subanal joining the anal close to the border.

Asilus Blasio, *Walk.*

Group 4.

Corpus magnum, aut mediocre. Caput subtus densissime pilosum. Facies convexa. Mystax densissime setosus. Proboscis lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o æqualis; arista 3o paullo brevior. Thorax pubescens; latera et scutellum parce setosa. Abdomen longi-oblanceolatum. Pedes robusti, spinosi, parce hirti. *Mas.*—Abdomen alas paullo superans. Sexualia parva; forceps brevissimus. Alæ apud costam subdilatatæ. *Fœm.*—Abdomen alas non superans, apice obtusum, non compressum nec attenuatum.

Cubital vein forked at very much beyond half its length; forks slightly undulating. First externo-medial vein much curved near its base; second straight; third slightly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some distance from the border.

Asilus Sydneensis, *Macq.* A. Alcetus, *Walk.*

Group 5.

Mas. Corpus parvum. Caput subtus pilosum. Facies convexa. Mystax magnus, densus, ad antennas ascendens. Proboscis brevis, lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o multo longior; arista valida, 3o multo brevior. Thoracis dorsum densissime hirtum. Abdomen sublineare, thorace vix duplo longius, alas non superans. Sexualia parva. Pedes validi, spinosi; antici hirti.

Radial vein slightly undulating towards the tip. Cubital forked at much beyond half its length; forks hardly undulating. First and second externo-medial veins nearly straight; third hardly curved, forming an obtuse angle with the præbrachial, joining the fourth very far from the border. Subanal joining the anal near the border.

Asilus rudis, *Walk.*

Group 6.

Corpus magnum. Caput subtus densissimè pilosum. Facies convexa. Mystax densissime setosus. Proboscis robusta, lanceolata. Antennarum articulus 1us 2o longior; 3us longi-lanceolatus, 1o multo longior; arista 3o æqualis. Thoracis latera et scutellum setosa. Abdomen oblanceolatum, pilosum, apicem versus fere nudum, thorace fere duplo longius, alas non superans. Sexualia parva; forceps crassus, arcuatus. Pedes robusti, hirti, spinosi.

Radial vein joining the subcostal at far from the tip of the latter. Cubital forked at very much beyond half its length; fore fork nearly straight; hind fork slightly undulating. First externo-medial vein much curved at its base; second nearly straight; third much curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal far from the border.

Asilus Malleolus, *Walk.*

Group 7.

Mas. Corpus parvum, gracile, longiusculum, fere nudum. Caput subtus pilosum. Facies fere plana. Mystax parce setosus.

Proboscis gracilis, sublanceolata. Thoracis et abdominis latera setis paucis. Abdomen sublineare, thorace fere triplo longius. Sexualia parva; forceps analis, latus, arcuatus. Pedes validi, spinosi, fere nudi; femora subincrassata.

Radial vein curved at its tip. Cubital vein forked at very much beyond half its length; fore fork almost straight; hind fork slightly undulating. First and second externo-medial veins nearly straight; third curved, forming an obtuse angle with the præbrachial, joining the fourth close to the border. Subanal joining the anal on the border.

Asilus Jacksonii, *Macq.*

Group 8.

Mas. Corpus majusculum, fere nudum. Caput subtus dense pilosum. Facies subconvexa. Mystax sat dense setosus, antennas non attingens. Proboscis lanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o æqualis; arista 3o multo longior. Thoracis latera rarissime setosa. Abdominis dimidium fere basale pilosum, alas paullo superans. Sexualia parva; forceps arcuatus. Pedes sat graciles, rarissime spinosi, subpubescentes.

Radial vein straight, joining the subcostal at a short distance from the tip of the latter. Cubital forked at very much beyond half its length; fore fork much curved at its base; hind fork slightly undulating. First externo-medial very much curved at its base; second straight; third slightly curved, forming a hardly obtuse angle with the præbrachial, joining the fourth at far from the border. Subanal joining the anal far from the border.

Asilus Centho, *Walk.*

Group 9.

Corpus maximum, pubescens. Caput subtus densissime pilosum. Facies antice convexa. Mystax densissime setosus. Proboscis sublanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o multo brevior; arista 3o multo longior. Thoracis latera setis paucis. Pedes robusti, hirti, spinosi. *Mas.*— Abdomen alas paullo superans. Sexualia mediocria. *Fœm.*— Abdomen alas vix superans, usque ad apicem pubescens.

Radial vein nearly straight, joining the subcostal at a considerable distance from the tip of the latter. Cubital forked at very much beyond its middle; fore fork hardly curved; hind fork undulating. First externo-medial very much curved near its base;

second straight; third curved, forming an obtuse angle with the præbrachial, joining the fourth at very far from the border. Subanal joining the anal far from the border." *Male.*—Costa convex beyond the middle, where the fore areolets are dilated and furnished with transverse ribs.

Asilus plicatus, *Leach.*

Group 10.

Fœm. Corpus magnum, breviter hirtum. Caput subtus densissime pilosum. Facies subconvexa. Mystax sat magnus, setis longis densis. Proboscis lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o vix longior; arista 3o multo longior. Thoracis abdominisque latera pure setosa. Abdomen oblanceolatum, thorace duplo longius, alas non superans, apice vix compressum. Pedes robusti, hirti, spinosi; femora crassa.

Cubital vein forked at very much beyond half its length; forks hardly undulating, their tips diverging. First externo-medial much curved near its base; second almost straight; third curved, forming a very slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal rather far from the border.

Asilus Amycla, *Walk.*

Group 11.

Mas. Corpus magnum. Caput subtus dense pilosum. Facies convexa. Mystax dense setosus. Proboscis lanceolata. Antennarum articulus 1us 2o multo longior; 3us lanceolatus 1o longior; arista 3o æqualis. Thorax hirtus; latera et scutellum parce setosa. Abdomen oblanceolatum, subpilosum, thorace fere duplo longius, alas paullo superans. Sexualia mediocria; forceps longus, gracilis, arcuatus. Pedes robusti, spinosi, parce hirti.

Cubital vein forked at very much beyond half its length; forks slightly undulating. First externo-medial curved near its base; second nearly straight; third slightly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some distance from the border.

Asilus inglorius, *Macleay*; A. alligans, *Walk.*

233. ASILUS VILLICATUS.

Asilus villicatus, *Diptera Saundersiana*, Pt. 2, 147.

New South Wales.

234. ASILUS OBUMBRATUS.

Asilus obumbratus, *Diptera Saundersiana*, Pt. 2, 145.

New South Wales.

235. ASILUS LATICORNIS.

Niger, cinereo tomentosus; mystax flavido varius; antennæ articulo 3o lato; abdomen incisuris albidis; alæ cinereæ, apice subfuscæ.

Asilus laticornis, *Macq. Dipt. Exot. Suppl.* 1, 91, 49, pl. 8, f. 14.

Tasmania.

236. ASILUS PELAGO.

Asilus Pelago, *Cat. of Diptera*, Pt. 2, 419.

New Holland.

237. ASILUS EXILIS.

Mas. *Ater, gracilis; abdominis segmenta 2um 3um 4umque alba marginata; tibiæ tarsique rufa; alæ subflavescentes, venis transversis fusco marginatis.*

Asilus exilis, *Macq. Dipt. Exot.* i. 2, 145, 27.

Kangaroo Island, New Holland.

238. ASILUS MARICUS.

Asilus Maricus, *Diptera Saundersiana*, Pt. 2, 141.

Port Philip.

239. ASILUS CŒDICIUS.

Asilus Cœdicius, *Cat. of Diptera*, Pt. 2, 457.

New Holland.

240. ASILUS RUBRITHORAX.

Fœm. *Cinereus; thorax rubidus, nigro vittatus; pedes castanei, tarsis nigris; alæ fuscanæ.*

Asilus rubrithorax, *Macq. Dipt. Exot.* i. 2, 143, 21.

New Holland.

241. ASILUS TASMANIÆ.

Mas. *Flavescens; thorax nigro vittatus; abdomen pedesque testacea; femora apice tarsique nigra; alæ fuscanæ, ad costam convexæ.*

Asilus Tasmaniæ, *Macq. Dipt. Exot.* i. 2, 145, 26.

Hobart Town.

242. ASILUS GIGANTEUS.

Cinereus; thorax testaceo vittatus; abdomen fulvo pubescens; pedes testacei, tarsis nigris; alæ cinereo-fuscæ, maris *dilatatæ.*

Asilus giganteus, *Macq. Dipt. Exot. Suppl.* 2, 43, 57, pl. 1, f. 9.

Tasmania.

243. ASILUS NIGRITARSIS.

Facies albido-flava; mystax albido-flavus, nigro varius; antennæ nigræ, articulo 3o elongato; thorax vittis nigris; intermedia divisa; abdomen rufo testaceum, basi fuscum; pedes rufi, genubus tarsisque nigris; alæ subfuscescentes.

Asilus nigritarsis, *Macq. Hist. Nat. Dipt.* i. 304, 5.

Hobart Town. New Guinea.

244. ASILUS GRANDIS.

Fœm. *Testaceus; mystax flavidus; thorax nigro vittatus; abdomen fulvum; tibiæ posticæ flavæ; tarsi nigri; alæ flavo fuscescentes.*

Asilus grandis, *Macq. Dipt. Exot. Suppl.* 3, 30, 63, pl. 3, f. 4.

New Holland.

245. ASILUS MALLEOLUS.

Asilus Malleolus, *Cat. of Diptera*, Pt. 2, 418.

a, b. Van Dieman's Land. Presented by the late E. Janson, Esq

246. ASILUS ALCETAS.

Asilus Alcetas, *Cat. of Diptera*, Pt. 2, 425.

Van Dieman's Land.

247. ASILUS MURINUS.

Cinereus; thorax flavescens; pedes rufi, tarsis nigris; alæ hyalinæ, subflavescentes, apice subcinereæ.

Asilus murinus, *Macq. Dipt. Exot.* i. 2, 144, 24.

New Holland.

248. ASILUS DISCUTIENS.

Asilus discutiens, *Diptera Saundersiana*, Pt. 2, 135.

New Holland.

249. ASILUS AUSTRALIS.

Fœm. *Niger; thorax lineis albis; abdomen incisuris cinereis; tibiæ testaceæ, posticæ nigræ; alæ subcinereæ.*

Asilus australis, *Macq. Dipt. Exot. Suppl.* 2, 44, 59.

New Holland.

250. ASILUS ACUTANGULATUS.

Fœm. *Niger; thorax lineis albis; abdomen incisuris albis; tarsi postici tibiæque testaceæ; alæ hyalinæ.*

Asilus acutangulatus, *Macq. Dipt. Exot. Suppl.* 2, 44, 60.

Tasmania.

251. ASILUS ARMATUS.

Fœm. *Niger; mystax subtus albus; thorax cinereus, vittis nigris; abdomen incisuris cinereis; tibiæ testaceæ, femora antica spinosa; alæ subflavescentes.*

Asilus armatus, *Macq. Dipt. Exot. Suppl.* 1, 9, 47, pl. 8, f. 17; *Suppl.* 2, 45.

New Holland. Tasmania.

252. ASILUS ANTILCO.

Asilus Antilco, *Cat. of Diptera*, Pt. 2, 458.

Port Stephen.

253. ASILUS MARGITIS.

Asilus Margitis, *Cat. of Diptera*, Pt. 2, 461.
Asilus Cœdicius, *var.?*

a. Melbourne, Australia. From Mr. Baly's collection.

254. ASILUS RUDIS.

Mas. *Cinereus; caput subtus albido pilosum; mystax niger, setis nonnullis inferioribus albis; thoracis discus nigro-fuscus; abdomen nigro-fusco tessellatum; tibiæ rufescentes, apices versus nigricantes; alæ subcinereæ.*

Male. Cinereous. Head whitish in front, clothed with whitish hairs beneath. Mystax black, with a few white bristles beneath. Antennæ black. Disk of the thorax blackish brown, indistinctly striped. Abdomen tessellated with blackish brown. Sexualia black, shining, with white hairs beneath. Legs black, with black

and whitish spines, slightly hairy; tibiæ reddish, black towards the tips. Wings slightly gray; veins black, tawny at the base. Halteres tawny. Length of the body 5 lines; of the wings 8 lines.

a. Melbourne, Australia. From Mr. Baly's collection.

255. ASILUS LUCTIFERUS.

Asilus luctiferus, *Diptera Saundersiana*, Pt. 2, 144.

Van Dieman's Land.

256. ASILUS ELICITUS.

Asilus elicitus, *Diptera Saundersiana*, Pt. 2, 139.

New South Wales.

257. ASILUS FRATERNUS.

Fœm. *Niger; mystax niger, setis nonnullis inferioribus albis; thorax albido vittatus, lateribus cinereis; abdomen incisuris setisque lateralibus albis; tibiæ testaceæ, apice nigræ; alæ cinereæ, apice subfuscescentes.*

Asilus fraternus, *Macq. Dipt. Exot. Suppl.* 1, 91, 48.

Tasmania.

258. ASILUS TRACHALUS.

Asilus Trachalus, *Diptera Saundersiana*, Pt. 2, 143.

Van Dieman's Land.

259. ASILUS BLASIO.

Asilus Blasio, *Cat. of Diptera*, Pt. 2, 441.

West Australia.

260. ASILUS INGLORIUS.

Obscure luteus; mystax albidus, supra niger; abdomen basi flavo hirsutum; pedes rufi, genubus tarsisque nigris; alæ flavo hyalinæ, apice obscuriores.

Asilus inglorius, *Macleay, King's Narr. Surv. Austral.* ii. 467, 182.

Australia.

261. ASILUS ALICIS.

Niger, albo hirtus, nigro setosus; mystax albus, supra niger; antennæ basi testaceæ; pedes testacei, femoribus nigro vittatis; alæ subcinereæ.

Black, clothed with white hairs and black bristles. Epistoma slightly prominent, rather thickly beset with white bristles, above which there are a few black bristles. First and second joints of the antennæ testaceous. Legs testaceous, a black stripe on each of the femora; tips of tarsi black. Wings slightly gray; veins black, testaceous at the base. Halteres yellow. Length of the body 4½ lines; of the wings 7 lines.

a. New Holland.

262. ASILUS MUTILATUS.

Cinereus, testaceo pilosus; caput et pectus albida; mystax testaceus; antennæ nigræ; thorax indistincte vittatus; abdomen apice nigrum; pedes nigricantes, testaceo hirti, albido spinosi; alæ subcinereæ, apice obscuriores, venis basi fulvis.

Cinereous, with testaceous hairs. Head and pectus whitish Mystax testaceous. Antennæ black. Thorax with three indistinct stripes. Abdomen with a black tip. Legs blackish, with testaceous hairs and whitish spines. Wings grayish, with darker tips; veins black, tawny at the base. Halteres testaceous. Length of the body 7½ lines; of the wings 9 lines.

a. Melbourne, Australia. From Mr. Baly's collection.

263. ASILUS SYDNEENSIS.

Mas. *Flavo-cinereus; thorax nigro vittatus; abdomen pedesque castanea, tarsi nigri; alæ flavæ, subdilatatæ, apice et margine postico subfuscis.*

Asilus Sydneensis, *Macq. Dipt. Exot.* i. 2, 144, 11.
Var. Asilus Amythaon, *Cat. of Diptera*, Pt. 2, 423.
Var.? Asilus Maso, *Cat. of Diptera*, Pt. 2, 424.

New Holland.

264. ASILUS HYAGNIS.

Asilus Hyagnis, *Diptera Saundersiana*, Pt. 2, 139.

New South Wales.

265. ASILUS RUFIVENTRIS.

Castaneus; thorax nigro vittatus; abdomen rufum; femora testacea; tibiæ rufæ; tarsi nigri; alæ flavæ.

Asilus rufiventris, *Macq. Dipt. Exot.* i. 2, 144, 22.

New Holland.

266. Asilus Jacksonii.

Fœm. *Albidus; thorax nigro vittatus; abdomen fuscum, segmento 7o ferrugineo, ano depresso; pedes rufi, tarsis nigris; alæ pallide flavescentes, apice cinereæ.*

Asilus Jacksonii, *Macq. Dipt. Exot.* i. 2, 145, 25.

Port Jackson, New Holland.

267. Asilus alligans.

Mas. *Rufescens; caput subtus albo pilosum; mystax testaceus; thoracis et pectoris disci nigricantes; abdomen basi nigricans, apice nigrum; pedes rufi, tibiis apice tarsisque nigris; alæ cinereæ.*

Male. Reddish. Head beneath and coxæ with white hairs. Mystax testaceous. First and second joints of the antennæ reddish. Thorax and pectus with blackish disks; thorax with three hoary stripes; pectus with hoary tomentum. Abdomen towards the base black, and clothed with hoary hairs; tip black. Legs red; tarsi and tips of the tibiæ black. Wings gray. Length of the body 13 lines; of the wings 20 lines.

a. Van Dieman's Land. Presented by Morton Allport, Esq.

268. Asilus caudatus.

Fœm. *Flavidus; mystax flavescens; antennæ nigræ; thorax fusco vittatus; abdomen nigrum, aurato fasciatum; pedes dilute mellei; alæ subflavescentes, apice fuscescentes.*

Dasypogon caudatus, *Fabr. Syst. Antl.* 171, 33.

Asilus caudatus, *Wied. Dipt. Exot.* i. 191, 15; *Auss. Zweifl.* i. 444, 30.

New South Wales.

269. Asilus Centho.

Asilus Centho, *Cat. of Diptera*, Pt. 2, 431.

New Holland.

Var.? Male. Black. Head clothed beneath and in front with white hairs; epistoma red, prominent, beset with white bristles; first and second joints of the feelers ferruginous, clothed with white hairs; third spindle-shaped; style very short; chest and breast red, the former with three broad black stripes; abdomen dull black, narrower than the chest, and about twice its length, slightly tapering

from the base to the tip; legs red, clothed with white hairs and bristles, a gray stripe on each thigh; wings slightly gray, with gray tips; veins black; poisers yellow, with pitchy knobs. Length of the body 4½ lines; of the wings 7 lines.

270. ASILUS PLICATUS.

Asilus plicatus, *Leach; Wied.*

New Holland.

271. ASILUS VITTIPES.

Mystax albus; thorax cinereus vittis fuscis; abdomen maris *cinereum trifariam fusco maculatum;* fœmina *fuscum, incisuris cinereis; pedes fulvi, femoribus tibiisque nigro vittatis; alæ subhyalinæ.*

Asilus vittipes, *Macq. Dipt. Exot. Suppl.* 2, 43, 58.

Tasmania.

272. ASILUS FILIFERUS.

Mas. *Mystax albidus; thorax flavido tomentosus, vittis nigris; abdomen incisuris flavidis; pedes flavi; alæ flavidæ, apice subfuscæ.*

Asilus filiferus, *Macq. Dipt. Exot. Suppl.* 1, 92, 50, pl. 8, f. 8.

Sydney Isle, Oceania.

273. ASILUS PLANUS.

Cinereus; antennæ nigræ, basi rufescentes; mystax albido setosus; thorax fusco trivittatus; abdomen supra cervinum, vitta dorsali fusca; pedes rufi, tarsis nigris; alæ subcinereæ, venis fusco sublimbatis.

Fem. Cinereous. Head whitish in front and beneath, clothed with whitish hairs. Mystax with whitish bristles. Antennæ black, reddish towards the base. Thorax with three broad brownish stripes, the lateral pair obliquely interrupted. Abdomen fawn-colour above, with a brown dorsal stripe; first, second and third segments with gilded hairs on each side. Legs red; tarsi and hind knees black. Wings slightly grayish, with a pale brownish tinge in front and along the veins; veins and halteres tawny. Length of the body 11 lines; of the wings 18 lines.

a. Australia. From Mr. Stevens' collection.

274. ASILUS AMYCLA.

Asilus Amycla, *Cat. of Diptera*, Pt. 2, 423.

New Holland.

New Zealand.

A. Mystax niger. - - - - - -	varius, *White*.
B. Mystax niger, albo varius. - - - -	Bulbus, *Walk*.
C. Mystax albus. - - - - - -	Lascus, *Walk*.

Group 1.

Corpus vix mediocre. Caput subtus dense pilosum. Facies convexa. Mystax dense setosus. Proboscis sublinearis. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus 1o æqualis; arista 3o paullo longior. Thorax hirtus; latera setosa. Abdomen thorace plus duplo longius, alas vix superans. Pedes validi, spinosi, parce hirti. *Mas.*—Abdomen sublineare. Sexualia mediocria tumida. *Fœm.*—Abdomen oblanceolatum, triente apicali compressa lævi nitida.

Cubital vein forked at rather before two-thirds of its length; forks very slightly curved, diverging from each other. First externo-medial curved near its base; second nearly straight; third slightly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some distance from the border.

Asilus varius, *White*.

Group 2.

Corpus gracile, fere nudum. Caput subtus parce pilosum. Facies plana. Mystax minimus, setis paucissimis. Proboscis gracilis, sublanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o paullo longior; arista 3o multo brevior. Thoracis et abdominis latera parce setosa. Thorax brevis. Abdomen thorace plus duplo longius, alas non superans. Pedes graciles, parum setosi, fere nudi. Alæ longiusculæ. *Mas.*—Abdomen sublineare. Sexualia minima. *Fœm.*—Abdomen sublanceolatum, apice compresso lævi nitido.

Cubital vein forked at rather beyond half its length; forks nearly straight, slightly diverging. First, second and third externo-medial veins nearly straight; third forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some distance from the border.

Asilus Lascus, *Walk*.

275. ASILUS VARIUS.

Asilus varius, *Cat. of Diptera*, Pt. 2, 457.

a, *b*, New Zealand. Presented by Dr. Sinclair.
c, Auckland, New Zealand. Presented by Col. Bolton.

276. Asilus Bulbus.

Asilus Bulbus, *Cat. of Diptera*, Pt. 2, 465.
Asilus varius, *Var.?*

277. Asilus Lascus.

Asilus Lascus, *Cat. of Diptera*, Pt. 2, 466.

a, *b*. New Zealand. Presented by Dr. Sinclair.
c. New Zealand. Presented by Dr. Hooker.
d. Auckland, New Zealand. Presented by Col. Bolton.

Country unknown.

Group 1. Lophonotus.

278. Asilus brevipennis.

Mas. *Ater, albo pubescens; abdomen maculis trigonis nigris, alæ breves subfuscæ, vena cubitali et externo-media* 1*a conjunctis.*

Lophonotus brevipennis, *Macq. Dipt. Exot.* i. 2, 130, 11.

A. Mystax niger.
  A. Femora nigra.
    a. Alæ nigro-fuscæ. - - - - Corissus, *Walk.*
    b. Alæ subfuscæ, apice cinereæ. - Tamphilus, *Walk.*
    c. Alæ limpidæ. - - - - - Echepolis, *Walk.*
  B. Femora rufa, nigro vittata. - - - Sophus, *Walk.*
B. Mystax niger, fulvo, aut flavo varius.
  A. Pedes nigri. - - - - - Gorgasus, *Walk.*
    a. Femora nigra aut nigro-cinerea.
      a. Alæ subfuscæ.
        i. Thorax fuscus, nigro vittatus. dioctriæformis. *Macq.*
        ii. Thorax canus, vittis cinereis. - Triopas, *Walk.*
      b. Alæ subfulvæ, apice cinereæ. - Halmus, *Walk.*
      c. Alæ hyalinæ, apice subfuscæ. - micropterus, *Macq.*
    b. Pedes picei, fulvo vittati. - - - Vibulamus, *Walk.*
    c. Femora picea.
      a. Alæ fulvæ, areolarum discis sublimpidis. Antiorus, *Walk.*
      b. Alæ fusco-fulvæ. - - - Corymeta, *Walk.*
    d. Femora rufa, supra nigra. - - - terebratus, *Macq.*
    e. Femora rufa. - - - - - - Eanes, *Walk.*
    f. Femora mellea. - - - - - melleus, *Macq.*

C. Mystax niger, albo varius.
A. Pedes nigri. - - - - - Penarius, *Walk.*
B. Femora nigra.
A. Alæ subfuscæ.
a. Antennæ basi ferrugineæ. - - - Corythus, *Walk.*
b. Antennæ totæ nigræ. - - - Ochesius, *Walk.*
B. Alæ subcinereæ. - - - - - Coras, *Walk.*
C. Femora rufa, nigro-vittata. - - - Balacrus, *Walk.*
D. Mystax flavus, aut flavo-albus.
A. Alæ maculatæ. - - - - - Hercules, *Wied.*
B. Alæ non maculatæ.
A. Pedes nigro-æneï. - - - - inumbratus, *Walk.*
B. Femora rufa, nigro vittata. - - - rufipes, *Macq.*
C. Femora rufa, non vittata.
a. Thorax cinereo canescens. - - - Virgo, *Wied.*
b. Thorax fulvus, vittis quatuor obscurioribus. Thimbro, *Walk.*
E. Mystax albus.
A. Alæ flavescentes, apice subfuscæ. - - ochripes, *Macq.*
B. Alæ limpidæ. - - - - - - - Dasius, *Walk.*

Group 1.

Mas. Corpus magnum. Caput subtus densissime setosum. Facies convexa. Mystax dense setosus, sat magnus: Proboscis lanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o brevior; arista 3o longior. Thoracis latera parce setosa. Abdomen sublineare, thorace duplo longius, alas vix superans, basim versus pilosum. Sexualia parva; forceps rectus sublinearis. Pedes validi, spinosi, parce hirti.

Allied to *Erax*. Cubital vein forked at about half its length; forks hardly undulating; fore fork almost angular near its base. First and second externo-medial veins indistinctly undulating; third curved, forming a very obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some little distance from the border.

Asilus Corissus, *Walk.*

Group 2.

Mas. Corpus angustum, subpubescens: Caput subtus dense pilosum. Facies parum convexa. Mystax vix dense setosus. Proboscis lanceolata. Thoracis latera et scutellum subsetosa. Abdomen thorace duplo longius. Sexualia parva. Pedes validi, pilosi, spinosi.

Radial as usual. Cubital vein forked at very much beyond half its length; forks hardly undulating. First externo-medial vein slightly curved near its base; second straight; third slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth at some distance from the border. Subanal joining the anal at a short distance from the border.

Asilus Tamphilus, *Walk.*

Group 3.

Corpus parvum, hirtum. Caput subtus dense pilosum. Facies subconvexa. Mystax dense setosus, ad antennas non ascendens. Proboscis lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o æqualis; arista 3o paullo longior. Thoracis latera setosa. Abdomen oblanceolatum, thorace plus duplo longius, alas paullo superans, basim versus præsertim pilosum. Sexualia parva; forceps subarcuatus. Pedes sat validi, hirti, spinosi.

Cubital vein forked at very much beyond half its length; fore fork nearly straight; hind fork undulating. First and second externo-medial veins nearly straight; third hardly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some little distance from the border.

Asilus Echepolis, *Walk.*

Group 4.

Mas. Corpus mediocre, hirtum. Caput subtus densissime pilosum. Facies convexa. Mystax densissime setosus, antennas non attingens. Proboscis gracilis, sublanceolato. Thoracis latera et scutellum setosa. Abdomen sublineare, alas non superans. Sexualia mediocria; forceps crassus, arcuatus. Pedes pilosi, setosi, sat graciles.

Veins of the wings like those of *Asilus Balacrus.*

Asilus Sophus, *Walk.*

Group 5.

Fœm. Corpus mediocre, hirtum. Caput subtus densissime pilosum. Facies convexa. Mystax magnus, densissime setosus. Proboscis sublanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o paullo longior; arista 3o non longior. Thoracis latera et scutellum setosa. Abdomen oblanceolatum, thorace non duplo longius, alas non superans, apice compressum acuminatum. Pedes robusti, hirti, spinosi.

Cubital vein forked at much beyond half its length; fore fork nearly straight; hind fork slightly undulating. First externo-medial vein much curved near the base; second almost straight; third slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Asilus Gorgasus, *Walk.*

Group 6.

Mas. Corpus mediocre, dense hirtum. Caput subtus densissime pilosum. Facies convexa. Mystax magnus, densissime setosus, fere ad antennas ascendens. Proboscis robusta, lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o paullo longior; arista 3o brevior. Thoracis latera setosa. Abdomen thorace multo longius. Sexualia parva; forceps brevis, crassus, arcuatus. Pedes robusti, spinosi, densissime pilosi.

Radial as usual. Cubital vein forked at much beyond half its length; fore fork nearly straight; hind fork undulating. First and second externo-medial veins straight; third very slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth at rather far from the border. Subanal joining the anal near the border.

Asilus Triopas, *Walk.*

Group 7.

Fœm. Corpus vix mediocre, fere nudum. Caput subtus dense pilosum. Facies convexa. Mystax sat dense setosus. Proboscis sublanceolata. Thoracis latera setosa. Abdomen oblanceolatum, basi utrinque fasciculatum, apice compressum, abdomen superans. Pedes robusti, spinosi, non hirti.

Radial as usual. Cubital vein forked at rather beyond half its length; forks hardly curved, diverging from each other. First and second externo-medial veins straight; third hardly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Asilus Halmus, *Walk.*

Group 8.

Fœm. Corpus mediocre, sat longum. Corpus subtus dense pilosum. Facies parum convexa. Mystax parvus, setis paucis. Proboscis gracilis, linearis. Antennarum articulus 1us 2o duplo

longior; 3us sublanceolatus, 1o æqualis; arista 3o longior. Thoracis latera parce setosa. Abdomen oblanceolatum, apice compressum, alas paullo superans. Pedes sat graciles, parce spinosi, vix hirti.

Allied to *Eraæ*. Radial as usual. Cubital vein forked at hardly beyond half its length; forks hardly undulating; fore fork forming at its base an obtuse angle, which emits a little branch; the latter is about one-third of the length of the basal side of the angle. First and second externo-medial veins nearly straight; third slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Asilus Vibulanus, *Walk.*

Group 9.

Mas. Corpus maximum, subpubescens. Caput subtus densissime pilosum. Facies convexa. Mystax dense setosus, antennas non attingens. Proboscis lanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o brevior; arista 3o multo longior. Thoracis latera et scutellum parce setosa. Abdomen oblanceolatum, thorace plus duplo longius, alas superans. Sexualia parva. Pedes validi, spinosi, pubescentes.

Radial vein nearly straight, joining the subcostal at some distance from the tip of the latter. Cubital forked at very much beyond half its length; fore fork hardly curved; hind fork slightly curved forward. First externo-medial slightly curved near its base; second straight; third straight, forming a slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus Antiorus, *Walk.*

Group 10.

Mas. Corpus magnum, longiusculum, subpubescens. Caput subtus densissime pilosum. Facies valde convexa. Mystax densissime setosus, antennas non attingens. Proboscis lanceolata, sat gracilis. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o paullo brevior; arista 3o multo longior. Thoracis latera, scutellum et abdomen basi setosa. Abdomen oblanceolatum, thorace plus duplo longius, alas superans. Sexualia parva. Pedes sat graciles, spinosi, pubescentes.

Radial vein almost straight, joining the subcostal rather far from the tip of the latter. Cubital forked at much beyond half its length; fore fork nearly straight; hind fork slightly curved forward.

First externo-medial slightly curved near its base; second straight; third very slightly curved, forming an abtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some distance from the border.

Asilus Corymeta, *Walk.*

Group 11.

Corpus maximum, parce hirtum. Caput subtus pilosum. Facies valde convexa. Mystax vix dense setosus. Proboscis gracilis, sublanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o brevior; arista 3o fere triplo longior. Thorax setis nonnullis lateralibus et posticis. Pedes validi, spinosi, hirti.

Cubital vein forked at rather beyond half its length; fore fork almost straight; hind fork slightly undulating. First externo-medial vein very slightly curved; second straight, slightly curved, forming a very slightly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus Eanes, *Walk.*

Group 12.

Fœm. Corpus mediocre, fere nudum. Caput subtus densissime pilosum. Facies subconvexa. Mystax parvus, densissime setosus. Proboscis sublinearis. Thoracis dorsum et latera parce setosa. Abdomen oblanceolatum, apice nitens vix compressum, alas paullo superans. Pedes sat validi, spinosi, fere nudi.

Radial as usual. Cubital vein forked at much beyond half its length; forks slightly undulating. First, second and third externo-medial veins nearly straight; third forming a hardly obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus Penarius, *Walk.*

Group 13.

Fœm. Corpus mediocre, subpubescens. Caput subtus dense pilosum. Facies plana. Mystax densissime setosus, antennas fere attingens. Proboscis sublinearis. Thoracis latera et scutellum subsetosa. Abdomen longiusculum, oblanceolatum, thorace plus duplo longius, alas superans, apicem versus subcylindricum. Pedes graciles, breviter spinosi.

Radial as usual. Cubital vein forked at a little before half its length; forks very near each other for one-third of the length from the base, after which the hind fork diverges, but again approaches the fore fork near their tips; fore fork angular at its base. First externo-medial vein slightly curved near its base; second straight; third slightly curved, forming a slightly obtuse angle with the præbrachial, joining the fourth at rather far from the border. Subanal joining the anal rather far from the border.

Asilus Corythus, *Walk.*

Group 14.

Fœm. Corpus parvum, parce hirtum. Caput subtus dense pilosum. Facies convexa. Mystax dense pilosus, mediocris. Proboscis lanceolata. Antennarum articulus 1us 2o plus duplo longior; 3us lanceolatus, 1o non longior; arista 3o brevior. Thoracis latera setosa.

Abdomen oblanceolatum, thorace duplo longius, apicem versus compressum. Pedes sat graciles, parce setosi, non hirti. Cubital vein forked at much beyond half its length; fore fork almost straight; hind fork slightly undulating. Externo-medial veins nearly straight; third forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Asilus Ochesius, *Walk.*

Group 15.

Fœm. Corpus vix mediocre, fere nudum. Caput subtus dense pilosum. Facies apud epistoma subconvexa. Mystax setis paucis. Proboscis brevis, lanceolata. Antennarum articulus 1us 2o fere duplo longior; 3us longiconicus, 1o æqualis; arista 3o non longior. Thoracis latera et scutellum parce setosa. Abdomen oblanceolatum, thorace duplo longius, alas non superans, apice compresso lævi nitido. Pedes sat graciles, parce spinosi, vix hirti.

Radial vein as usual. Cubital vein forked at much beyond half its length; forks slightly undulating. First and second externo-medial veins straight; third hardly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal near the border.

Asilus Coras, *Walk.*

Group 16.

Corpus mediocre, latiusculum, hirtum. Caput subtus dense pilosum. Facies parum convexa. Mystax raro setosus. Proboscis lanceolata. Antennarum articulus 1us 2o duplo longior; 3us lanceolatus, 1o paullo longior; arista 1o paullo longior Thoracis latera et scutellum setosa. Pedes robusti, subpubescentes, raro spinosi; metatarsi latiusculi.

Radial as usual. Cubital vein forked at very much beyond half its length; fore fork nearly straight; hind fork undulating. First and second externo-medial veins nearly straight; first curved at the base; third curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal rather near the border.

Asilus Sophus, *Walk.*; A. Balacrus, *Walk.*

Group 17.

Corpus gracile, mediocre, fere nudum. Caput subtus pilosum. Facies plana. Mystax parvus, setis paucis apud epistoma. Mystax gracilis, sublinearis. Antennarum articulus 1us 2o duplo longior; 3us longiconicus, 1o multo brevior; arista 3o duplo longior. Thorax breviter et parce hirtus; latera et scutellum parce setosa. Abdomen thorace plus duplo longius, alas superans; incisuræ lateribus parce setosis. Pedes nudi, sat validi, parce spinosi. *Mas.*—Abdomen lineare. Sexualia minima. *Fœm.*—Abdomen apicem versus oblanceolatum, apice compresso lævi nitido.

Cubital vein forked at much beyond half its length; forks very slightly undulating, their tips diverging. First, second and third externo-medial veins nearly straight; third forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal very near the border.

Asilus Thimbro, *Walk.*

Group 18.

Corpus mediocre, fere nudum. Caput latum, subtus parce pilosum. Facies fere plana. Mystax parvus, setis paucis. Proboscis sublinearis. Antennarum articulus 1us 2o triplo longior; 3us lanceolatus, 1o paullo brevior; arista brevissima. Thoracis latera vix setosa. Pedes validi, spinosi, non hirti.

Cubital vein forked at much beyond half its length; forks nearly straight. Externo-medial veins nearly straight; third form-

ing an obtuse angle with the præbrachial, joining the fourth very far from the border. Subanal joining the anal very near the border.

Asilus Dasius, *Walk.*

279. ASILUS CORISSUS.

Asilus Corissus, *Cat. of Diptera*, Pt. 2, 464.

280. ASILUS TAMPHILUS.

Asilus Tamphilus, *Cat. of Diptera*, Pt. 2, 440.

281. ASILUS ECHEPOLIS.

Asilus Echepolis, *Cat. of Diptera*, Pt. 2, 459.

282. ASILUS SOPHUS.

Asilus Sophus, *Cat. of Diptera*, Pt. 2, 435.

283. ASILUS GORGASUS.

Asilus Gorgasus, *Cat. of Diptera*, Pt. 2, 422.

284. ASILUS DIOCTRIÆFORMIS.

Mas. *Niger; mystax fulvo varius; facies longa angusta; thorax fuscus, vittis nigris; abdomen elongatum; tibiæ testaceæ; alæ subfuscæ.*

Asilus dioctriæformis, *Macq. Dipt. Exot. Suppl.* 1, 90, 46, pl. 8 f. 13.

285. ASILUS TRIOPAS.

Asilus Triopas, *Cat. of Diptera*, Pt. 2, 444.

286. ASILUS HALMUS.

Asilus Halmus, *Cat. of Diptera*, Pt. 2, 446.

287. ASILUS MICROPTERUS.

Fœm. *Ater; flavo hirtus; femora viridescentia; tibiæ testaceæ, posticæ subtus nigricantes, anticæ hirsutæ; tarsi fusci; alæ breves hyalinæ, apice fuscæ.*

Asilus micropterus, *Macq. Dipt. Exot.* i. 2, 151, 41.

288. Asilus Vibulanus.

Asilus Vibulanus, *Cat. of Diptera*, Pt. 2, 438.

289. Asilus Antiorus.

Asilus Antiorus, *Cat. of Diptera*, Pt. 2, 414.

290. Asilus Corymeta.

Asilus Corymeta, *Cat. of Diptera*, Pt. 2, 415.

291. Asilus terebratus.

Fœm. *Ater; thorax flavidus, nigro vittatus; abdominis segmenta rufo marginata; terebra longa; pedes rufi, supra tarsique nigri; alæ flavescentes, postice subfuscæ.*

Asilus terebratus, *Macq. Dipt. Exot.* i. 2, 149, 37.

Exotic?

292. Asilus Eanes.

Asilus Eanes, *Cat. of Diptera*, Pt. 2, 417.

293. Asilus melleus.

Fœm. *Rubidus; facies argentata; antennæ nigræ, basi fusco-fulvæ; thorax nigro vittatus; abdomen nigricans, incisuris albidis; pedes mellei; alæ hyalinæ.*

Asilus melleus, *Macq. Dipt. Exot.* i. 2, 151, 42.

294. Asilus Penarius.

Asilus Penarius, *Cat. of Diptera*, Pt. 2, 439.

295. Asilus Corythus.

Asilus Corythus, *Cat. of Diptera*, Pt. 2, 440.

296. Asilus Ochesius.

Asilus Ochesius, *Cat. of Diptera*, Pt. 2, 461.

297. Asilus Coras.

Asilus Coras, *Cat. of Diptera*, Pt. 2, 445.

298. ASILUS BALACRUS.

Asilus Balacrus, *Cat. of Diptera*, Pt. 2, 442.

299. ASILUS HERCULES.

Cinereus; mystax flavo-albus; antennæ nigræ; thorax vittis nigricantibus; abdomen flavidum; pedes ferruginosi; alæ flavescentes, plaga fuscana.

Asilus Hercules, *Wied. Auss. Zweifl.* i. 425.

300. ASILUS INUMBRATUS.

Asilus inumbratus, *Diptera Saundersiana*, Pt. 2, 134.

301. ASILUS RUFIPES.

Mas. *Cinereus; pedes rufæ, femoribus intus nigris; alæ hyalinæ, subflavescentes, areolis posticis ad discos cinereis.*

Asilus rufipes, *Macq. Dipt. Exot.* i. 2, 150, 38.

302. ASILUS VIRGO.

Fœm. *Cinereo-canescens; mystax pallide flavescens; antennæ nigricantes; thorax late vittatus, abdomen subtessellatum; pedes rubidi, femoribus tibiisque apice nigris; alæ limpidæ.*

Asilus Virgo, *Wied. Auss. Zweifl.* i. 446, 32.

303. ASILUS THIMBRO.

Asilus Thimbro, *Cat. of Diptera*, Pt. 2, 460.

304. ASILUS OCHRIPES.

Fœm. *Flavido-cinereus; abdomen cinereum; pedes rufi, tarsis apice nigris; alæ flavescentes, apice subfuscæ.*

Asilus ochripes, *Macq. Dipt. Exot.* i. 2, 150, 40.

305. ASILUS DASIUS.

Asilus Dasius, *Cat. of Diptera*, Pt. 2, 462.

306. ASILUS? GROSSUS.

Niger, hirsutus; caput antice, thorax et abdomen basi cinerea; thorax punctis duabus posticis flavis; alæ cinereæ, venis fuscis.

Asilus grossus, *Fabr. Syst. Antl.* 498, 113. *Wied. Auss. Zweifl.* i. 498, 113.

America.

307. ASILUS? MAURUS.

Subferrugineus; antennæ ferrugineæ; thorax vittis tribus dorsalibus pectusque punctis lateralibus nigris; abdominis segmenta fusco marginata.

Asilus maurus, *Linn. Fabr. Ent. Syst.* iv. 376, 2; *Syst. Antl.* 153, 2. *Wied. Auss. Zweifl.* i. 499, 114.

North Africa.

Genus 8. POLYPHONIUS.

Antennarum arista nuda, crassa; articulus 1us 2o multo brevior. Femora intermedia incrassata; tibiæ intermediæ apice calcaratæ.

Polyphonius, *Loew, Linn. Ent.* iii. 402, 403.

1. POLYPHONIUS LÆVIGATUS.

Ater; capite, thoracis vittis et maculis abdominisque cingulis ochraceo pollinosis; alæ subfuscescentes.

Polyphonius lævigatus, *Loew, Linn. Ent.* iii. 407, 1.

Rhodes.

Genus 9. ATRACTIA.

Corpus non depressum nec ciliatum. Facies prominens. Antennarum articulus 3us latus compressus fusiformis; arista non ciliata. Alarum areola mediastinalis clausa; areolæ submarginales duæ.

Atractia, *Macq. Dipt. Exot.* i. 2, 151.
Asilus, p., *Wied.*

1. ATRACTIA PSILOGASTER.

Niger; mystax niger; antennæ basi rufescentes; thorax albo pilosus; scutellum luteum; abdomen glabrum; pedes anteriores niveo micantes; tibiæ rubidæ; alæ subobscuræ.

Asilus psilogaster, *Wied. Auss. Zweifl.* i. 456, 49.
Atractia psilogaster, *Macq. Dipt. Exot.* i. 2, 152, 1.

Brazil.

Genus 10. OMMATIUS.

Corpus non depressum nec ciliatum. Facies prominens. Antennæ arista subtus ciliata. Alarum areola mediastinalis clausa; areolæ submarginales duæ.

Ommatius, *Illiger; Wied.; Macq.*
Asilus p., *Fabr.*
Dasypogon, p., *Fabr.*

Like *Asilus* in the structure of the wing-veins.

North America.

1. Ommatius tibialis.

Fuscus; antennæ nigræ; thorax vittatus; abdomen obsolete albo fasciatum; tibiæ albidæ; alæ apice obscuriores.

Ommatius tibialis, *Say, Journ. Acad. Philad.* 1822, 49. *Wied. Auss. Zweifl.* i. 422, 6.

Pennsylvania.

Mexico.

2. Ommatius pumilus.

Fœm. *Cinereus; mystax flavidus; thorax vittis nigris; pedes nigri, tibiis basi testaceis; alæ hyalinæ apice subcinereæ.*

Ommatius pumilus, *Macq. Dipt. Exot. Suppl.* 2, 42, 6.

Mexico.

West Indies.

3. Ommatius Saccas.

Ommatius Saccas, *Cat. of Diptera*, Pt. 2, 474.

Jamaica.

South America.

4. Ommatius marginellus.

Cinereo-flavescens; thorax fusco vittatus; abdomen nigro-fuscum; pedes mellei, femoribus tibiisque apice nigris.

Asilus marginellus, *Fabr. Spec. Ins.* ii. 464, 22; *Ent. Syst.* iv. 384, 36.
Dasypogon marginellus, *Fabr. Syst. Antl.* 170, 28.
Ommatius marginellus, *Wied. Dipt. Exot.* i. 213, 1; *Auss. Zweifl.* i. 421, 5. *Macq. Dipt. Exot.* i. 2, 134, 4, pl. 11, f. 4.

Brazil.

5. Ommatius rufipes.

Fœm. *Niger; mystax flavidus; antennæ basi apiceque testaceæ; thorax flavus, vittis nigris; abdomen incisuris flavis; pedes rufi; alæ subflavescentes.*

Ommatius rufipes, *Macq. Dipt. Exot. Suppl.* i. 88, 5.

Colombia.

Africa.

A. Femora nigra.
A. Mystax niger. - - - - - auribarbis, *Wied.*
B. Mystax albidus. - - - - - pygmæus, *Wied.*
B. Femora fulva. - - - - - Jaculator, *Walk.*

6. Ommatius auribarbis.

Flavidus; barba aurea; mystax niger; antennæ nigræ; thorax nigro vittatus; abdomen et femora nigra; tibiæ tarsique rufescentia; alæ flavescentes.

Ommatius auribarbis, *Mus. Berl. Wied. Auss. Zweifl.* i. 423, 9.

Sierra Leone.

7. Ommatius pygmæus.

Mas. *Nigello-fuscanus; thorax vittis flavido-sejunctis latis; abdomen nigellum, incisuris albidis; pedes flavi, tibiis apice femoribusque nigris; alæ subflavescentes.*

Ommatius pygmæus, *Wied. Anal. Entom.* 26, 22; *Auss. Zweifl.* i. 424, 10.

Guinea.

8. Ommatius Jaculator.

Ommatius Jaculator, *Diptera Saundersiana*, Pt. 2, 152.

Africa.

Madagascar.

9. Ommatius Madagascariensis.

Mas. *Niger; thorax scapulis albis; femora anteriora fulva; tibiæ anteriores albidæ; alæ flavescentes.*

Ommatius Madagascariensis, *Macq. Dipt. Exot.* i. 2, 133, 1, pl. 11, f. 3.

Madagascar.

Isle of France.

10. OMMATIUS ALBOVITTATUS.

Niger; thorax albidus vittis nigris; abdomen fasciis lateralibus albis; alæ subcinereæ.

Ommatius albovittatus, *Wied. Anal. Entom.* 25, 20. *Auss. Zweifl.* i. 418, 1.

Isle of France.

11. OMMATIUS TARCHETIUS.

Ommatius Tarchetius, *Cat. of Diptera*, Pt. 2, 476.

Isle of France.

Asia.

A. Femora nigra.
  A. Alæ flavescentes.
    A. Thorax non vittatus. - - - - fulvidus, *Wied.*
    B. Thorax nigro vittatus. - - - conopsoides, *Wied.*
    C. Thorax fusco vittatus. - - - Pennus, *Walk.*
  B. Alæ sublimpidæ. - - - - leucopogon, *Wied.*
B. Femora fulva.
  A. Femora postica nigro fasciata. - - compeditus, *Wied.*
  B. Femora anteriora nigro vittata. - - rufipes, *Macq.*
  C. Femora tota pallida.
    A. Alæ subflavescentes.
      a. Abdomen nigrum. - - - - dispar, *Macq.*
      b. Abdomen fulvum, nigro fasciatum. - auratus, *Fabr.*
    B. Alæ limpidæ. - - - - - - nanus, *Walk.*

12. OMMATIUS FULVIDUS.

Mas. *Fulvidus; antennæ apice nigræ; abdomen nigrum; incisuris fulvis; pedes nigri, tibiis fulvis; alæ flavescentes.*

Ommatius fulvidus, *Wied. Dipt. Exot.* i. 214, 3; *Auss. Zweifl.* i. 420, 3. *Macq. Dipt. Exot. Suppl.* 3, 29, pl. 3, f. 2.

Asilus Garnotii, *Guér. Voy. de la Coquille, Zool.* ii. 292. *Atlas*, pl. 20, f. 8.

Java. Moluccas.

13. OMMATIUS CONOPSOIDES.

Flavidus; facies alba; antennæ nigræ; thorax nigro vittatus; abdomen nigrum, marginibus late canis; femora nigra; tibiæ fulvæ; alæ subflavescentes, ad costam fuscescentes.

Ommatius conopsoides, *Mus. Berl. Wied. Auss. Zweifl.* i. 422, 7.

Sumatra.

Var.? Mas. *Niger; facies alba; thorax nigro-fuscus, vitta lata atra, incisuris pectoreque canis; abdomen clavatum, segmentorum marginibus posticis canis, apice rufescente; tibiæ fulvæ, apice nigræ; metatarsi subtus rufescentes; alæ cinereæ, apud costam fuscescentes, dimidio basali postico sublimpido.*

Male. Inferior appendages of the abdomen much curved. Length of the body 5 lines; of the wings 8 lines. This may be a distinct species.

a. Sumatra. From Sir Stamford Raffles' collection.

14. Ommatius Pennus.

Ommatius Pennus, *Cat. of Diptera*, Pt. 2, 469.

Var.? Ommatius Coryphe, *Cat. of Diptera*, Pt. 2, 469.

Borneo. Corea.

Fem. Style of the abdomen nearly as long as the anterior part, which is fusiform. Anterior femora tawny, with black tips; hind femora with a tawny subapical band.

a—c. Sumatra. From Sir Stamford Raffles' collection.

15. Ommatius leucopogon.

Niger; barba alba; thorax vittis flavido vix interstinctis; tibiæ posticæ luteæ; alæ sublimpidæ.

Ommatius leucopogon, *Wied. Anal. Entom.* 25, 21; *Auss. Zweifl.* i. 423, 8.

East Indies.

16. Ommatius compeditus.

Niger; abdomen melleum, basi apiceque nigrum; pedes flavi; femoribus posticis nigro fasciatis; alæ flavidæ.

Ommatius compeditus, *Wied. Auss. Zweifl.* i. 419, 2.

East Indies?

17. Ommatius rufipes.

Mas. *Fulvidus; thorax nigro vittatus; abdomen fuscum incisuris fulvis; pedes fulvi, femoribus anterioribus nigro vittatis; alæ subflavescentes apice fuscæ.*

Ommatius rufipes, *Macq. Dipt. Exot.* i. 2, 133, 3, pl. 11, f. 5.

Java.

18. Ommatius dispar.

Thorax maris *cinereus vittis fuscis*, fœm. *testaceus; abdomen nigrum; pedes fulvi; alæ subflavescentes apice fuscanæ*, maris *dilatatæ.*

Ommatius dispar, *Macq. Dipt. Exot. Suppl.* 3, 28, 7, pl. 3, f. 3.

Java.

19. Ommatius auratus.

Fœm. *Subtestaceus; thorax aureo micans, vittis fuscis; abdominis segmenta 4um et 5um nigra; alæ subtestaceæ.*

Ommatius auratus, *Wied.*, *Macq. Dipt. Exot.* i. 2, 133, 2.

East Indies.

Male. Body and legs wholly testaceous. Abdomen slightly attenuated from the base to one-third of the length, fusiform from thence to the tip. Wings hardly grayish, with a slight testaceous tinge in front; union of the subcostal and radial veins nearer to the tip of the wings than in the female.

a. Punjaub. Presented by Brigadier Hearsay.

20. Ommatius nanus.

Ommatius nanus, *Diptera Saundersiana*, Pt. 2, 153.

East Indies.

Australia.

A. Femora nigra.
  A. Tibiæ nigro vittatæ. - - - - Lema, *Walk.*
  B. Tibiæ non vittatæ. - - - - Cœræbus, *Walk.*
B. Femora rufa. - - - - - - Ialmus, *Walk.*

21. Ommatius Lema.

Ommatius Lema, *Cat. of Diptera*, Pt. 2, 472.

New Holland.

22. Ommatius Cœræbus.

Ommatius Cœræbus, *Cat. of Diptera*, Pt. 2, 473.

New Holland.

23. Ommatius Ialmus.

Ommatius Ialmus, *Cat. of Diptera*, Pt. 2, 479.

New Holland.

Sandwich Islands.

24. Ommatius Androcles.

Ommatius Androcles, *Cat. of Diptera*, Pt. 2, 470.

Country unknown.

A. Tibiæ nigræ.
  A. Femora tibiæque omnino nigra. - - Papus, *Walk.*
  B. Femora tibiæque basi rufa. - - - Amyclæus, *Walk.*
B. Tibiæ rufæ, nigro vittatæ; posticæ nigræ. Plautius, *Walk.*
C. Tibiæ flavæ, apice nigræ.
  A. Alæ subfuscæ. - - - - - - Pera, *Walk.*
  B. Alæ limpidæ. - - - - - - - Hecale, *Walk.*
D. Tibiæ ferrugineæ. - - - - - - Ademon, *Walk.*

25. Ommatius Papus.

Ommatius Papus, *Cat. of Diptera*, Pt. 2, 472.

26. Ommatius Amyclæus.

Ommatius Amyclæus, *Cat. of Diptera*, Pt. 2, 477.

27. Ommatius Plautius.

Ommatius Plautius, *Cat. of Diptera*, Pt. 2, 471.

28. Ommatius Perá.

Ommatius Pera, *Cat. of Diptera*, Pt. 2, 475.

29. Ommatius Hecalæ.

Ommatius Hecale, *Cat. of Diptera*, Pt. 2, 476.

30. Ommatius Ademon.

Ommatius Ademon, *Cat. of Diptera*, Pt. 2, 478.

Genus 11. LECANIA.

Corpus non depressum nec ciliatum. Facies prominens, Mystax mediocris. Antennarum arista longissima, lamella terminali. Alarum areola mediastinalis clausa; areolæ dua submarginales, 2a simplex.

Lecania, *Macq. Dipt. Exot.* i. 2, 131.

Radial vein nearly straight, joining the subcostal at some distance from the tip of the latter. Cubital forked at very much beyond half its length; forks hardly undulating, a little nearer to each other in the middle than towards each end. First and second externo-medial veins nearly straight; third slightly curved, forming an obtuse angle with the præbrachial, joining the fourth far from the border. Subanal joining the anal at some distance from the border.

South America.

1. LECANIA RUFIPES.

Flavida; thorax nigro vittatus; abdomen nigrum; pedes rufi: alæ flavescentes.

Lecania rufipes, *Macq. Dipt. Exot.* i. 2, 131, pl. 11, f. 2.

Brazil.

Var.? Mas. et fœm. *Cervina; caput et pectus alba, illum albo pilosum; antennæ rufescentes; thorax vittis duabus dorsalibus maculisque lateralibus fuscis; abdomen supra piceum marginibus posticis fulvis, apice nigrum; pedes fulvi, femoribus posterioribus tarsisque apice nigris; alæ subfuscescentes, apice obscuriores.*

Fawn colour. Head and pectus white. Head clothed beneath with white hairs. Face slightly convex towards the epistoma. Mystax small. Proboscis black, lanceolate. Antennæ dull reddish; first joint more than twice the length of the second; third elongate-conical, much shorter than the first; arista full four times the length of the third. Thorax with two brown dorsal stripes, and four brown lateral oblique spots. Abdomen above piceous; hind borders of the segments tawny; tip black. Legs pale tawny, with a few black spines; tips of the posterior femora and of the tarsi black. Wings slightly brownish, darker towards the tips. Halteres testaceous. *Male.*—Arista dilated at the tip. Sexualia of moderate size; forceps broad, obtuse. *Fem.*—Arista not dilated. Apical fourth part of the abdomen stylate. Length of the body 7—8 lines; of the wings 12—13 lines.

a. Santarem, Brazil. From Mr. Bates' collection.
b. ——— ?

Country unknown.

2. LECANIA FEMORATA.

Mas. *Nigra; thorax flavido bivittatus; pedes rufi, femoribus incrassatis externe fuscis; alæ flavescentes, apice subfuscæ.*

Lecania femorata, *Macq. Dipt. Exot.* i. 2, 132, 2.

Genus 12. SENOPROSOPUS.

Corpus non depressum nec ciliatum. Facies plana, angusta. Mystax mediocris. Thorax non cristatus. Abdomen non carinatum; *maris* sexualia mediocria; *fœm.* terebra non spinosa. Alarum areola mediastinalis clausa; areola submarginalis 2a simplex; 4a posterior petiolata.

Senoprosopus, *Macq. Dipt. Exot.* i. 2, 130.

1. SENOPROSOPUS DIARDII.

Mas. *Rufescens; thorax fusco vittatus; abdomen nigrum, incisuris albidis; pedes flavi, femoribus posticis tarsisque nigris; alæ flavæ, apice fuscanæ.*

Senoprosopus Diardii, *Macq. Dipt. Exot.* i. 2, 130, 1, pl. 11, f. 1.

Bengal.

Genus 13. DAMALIS.

Corpus non depressum nec ciliatum. Onychia conspicua. Alarum areola mediastinalis aperta; areolæ duæ submarginales.

Damalis, *Fabr. Syst. Antl.* 148; *Wied; Macq.*
Dioctria, p., *Wied. Dipt. Exot.*
Dasypogon, p., *Wied. Dipt. Exot.*
Damalis et Chalcidomorpha, *Westw.*

South America.

1. DAMALIS? DIVISA.

Nigra; abdominis segmenta marginibus posticis canis; metatarsi basi et genua fulvescentia; alæ limpidæ, dimidio basali nigricante; halteres flavi.

Black. Face silvery white. Thorax with brownish tomentum. Pectus hoary. Abdomen full twice the length of the thorax; hind

borders of the segments hoary. Legs shining; metatarsi towards the base and knees tawny. Wings limpid; basal half blackish; veins black. Halteres pale yellow. Length of the body 3½—4 lines; of the wings 6—7 lines.

a, *b*. Santarem. From Mr. Bates' collection.

Africa.

A. Alæ limpidæ, venis fusco limbatis. - - capensis, *Wied.*
B. Alæ fuscæ. - - - - - - hirtiventris, *Macq.*
C. Alæ limpidæ. - - - - - - hyalipennis, *Macq.*

2. DAMALIS CAPENSIS.

Fœm. *Nigra; thorax fuscus; abdomen obscure coriaceum; pedes fulvi, tibiis antice femoribusque nigris; alæ limpidæ, venis fusco limbatis.*

Dioctria heterocera, *Wied. Dipt. Exot.* i. 162, 6.
Dasypogon anomalus, *Wied. Dipt. Exot.* i. 232, 35.
Damalis capensis, *Wied. Auss. Zweifl.* i. 416, 1.

Cape.

3. DAMALIS HIRTIVENTRIS.

Mystax, antennæ pedesque nigra, thorax flavidus, vittis nigris; abdomen fuscanum, apice nigrum; femora apice tibiæque fulva; alæ fuscæ.

Damalis hirtiventris, *Macq. Dipt. Exot. Suppl.* 1 94, 3.

Caffraria.

4. DAMALIS HYALIPENNIS.

Albida; mystax antennæque nigra; thorax vittis fuscis; abdomen maculis dorsalibus nigris; pedes testacei; alæ hyalinæ.

Damalis hyalipennis, *Macq. Dipt. Exot. Suppl.* i. 95, 4, pl. 8, f. 19.

Caffraria.

Asia.

A. Alæ apice saltem pallidæ.
A. Abdomen chalybeum.
a. Pedes mellei. - - - - - myops, *Fabr.*
b. Pedes rufi. - - - - - - tibialis, *Macq.*
B. Abdomen æneum. - - - - - Andron, *Walk.*

C. Abdomen nigrum. - - - - - - fuscus, *Walk.*
D. Abdomen flavum. - - - - - - planiceps, *Fabr.*
E. Abdomen melleum, nigro maculatum. - ... maculata, *Wied.*
B. Alæ totæ nigro-fuscæ. - - - - fumipennis, *Walk.*

5. DAMALIS MYOPS.

Nigella; abdomen chalybeum; pedes mellei, femoribus apice nigris; alæ basi ultra medium fuscæ.

Damalis myops, *Fabr. Syst Antl.* 148, 4. *Wied. Auss. Zweifl.* i. 417, 3.

Sumatra.

6. DAMALIS TIBIALIS.

Mas. *Atra; thorax latera rufa; abdomen violaceo nitens; pedes rufi, femoribus supra nigris, tibiis posticis apice crassis; alæ hyalinæ, basi fuscanæ.*

Damalis tibialis, *Macq. Dipt. Exot.* i. 2, 154, 1, pl. 12, f. 6.
Damalis myops, *var.?*

East Indies.

7. DAMALIS ANDRON.

Damalis Andron, *Cat. of Diptera*, Pt. 2, 480.

China.

8. DAMALIS FUSCA.

Damalis fusca, *Cat. of Diptera*, Pt. 2, 481.

North Bengal.

9. DAMALIS PLANICEPS.

Thorax nigellus, limbo scutelloque flavidis; abdomen pedesque flava; alæ dimidio basali nigro-fusco.

Damalis planiceps, *Fabr. Syst. Antl.* 148, 2. *Wied. Zool. Mag.* i. 60, pl. 2, f. 4; *Auss. Zweifl.* i. 417, 4. *Macq. Dipt. Exot.* i. 2, 154, 2.

Coromandel, Tranquebar.

10. DAMALIS MACULATA.

Mas. *Nigra; thorax flavidus, disco nigello; abdomen melleum, utrinque nigro maculatum; pedes ferruginei, fasciis nigricantibus; alæ flavescentes.*

Damalis maculata, *Wied. Auss. Zweifl.* i. 416, 2.
Java.

11. DAMALIS FUMIPENNIS.

Nigro-cuprea; antennæ nigræ; thoracis latera fulvescentia; pedes fulvi, coxis tibiis apice tarsisque nigricantibus; alæ nigro-fuscæ.

Cupreous black. Antennæ black. Pectus and sides of the thorax dull tawny. Legs tawny; coxæ, tarsi and tips of the tibiæ blackish; hind femora armed with short spines; hind tibiæ much curved. Wings blackish brown. Halteres testaceous. Length of the body 3 lines; of the wings 6 lines.

a. Java. From the East India Company's collection.

Australia.

12. DAMALIS FUSCIPENNIS.

Facies mystax barbaque albida; antennæ nigræ; thorax flavus, vittis nigris; abdomen et pedes fulva; alæ fuscæ.

Damalis fuscipennis, *Macq. Dipt. Exot. Suppl.* 1, 95, 5.
New Holland.

Country unknown.

The following species is the type of the genus *Chalcidomorpha* of Westwood, who has described it as follows:—

"Caput brevissimum, latum, oculis maximis elevatis. Proboscis capitis longitudine, perpendicularis. Palpi brevissimi, setigeri. Antennæ breves; articulus 1us parvus, cylindricus; 2us paullo major, cyathiformis; 3us longior, conicus, apice longe setiger. Thorax elevatus, antice in collum attenuatus. Abdomen crassum, læve. Femora postica incrassata, subtus serie duplici denticulorum; coxæ et trochanteres magna; tibiæ arcuatæ."

Chalcidomorpha, *Westw. Ann. Soc. Ent. Fr.* iv. 684.

13. DAMALIS FULVIPES.

Niger; frons albida; thorax cinereus, vix pubescens, lateribus scutelloque subalbidis; abdomen flavum; pedes fulvi, femoribus apice nigris, posticis 10-denticulatis; alæ hyalinæ, dimidio infumato, in medio obscurioribus.

Chalcidomorpha fulvipes, *Westw. Ann. Soc. Ent. Fr.* iv. 68, 41.

Genus 14. PHENEUS.

Corpus longi-obconicum. Antennarum articuli 1us et 2us breves; 3us longior, conicus, arista longissima. Abdomen longi-obconicum. Pedes postici longi, validi.

Pheneus, *Diptera Saundersiana*, Pt. 2, 155.

Fore fork of the cubital vein slightly undulating; hind fork nearly straight, parallel to the first externo-medial; third externo-medial forming an obtuse angle with the præbrachial, joining the fourth at a short distance from the border. Subanal inclined towards the anal, but at a short distance from it on the border.

1. PHENEUS TIBIALIS.

Pheneus tibialis, *Diptera Saundersiana*, Pt. 2, 156, pl. 4, f. 3.

Jamaica.

Genus 15. LEPTOGASTER.

Corpus mediocre aut parvum, fere nudum. Proboscis porrecta. Antennarum articulus 3us lanceolatus; arista brevis. Abdomen longum, gracile, obclavatum. Pedes graciles, postici longi; femora tibiæque subclavata; onychia nulla. Alæ breves; venæ subcostalis et radialis non conjunctæ.

Leptogaster, *Meig. Klass. Zweifl.; Wied.; Zell.; Zett.; Loew.*
Asilus, p., *Deg.; Geoffr.; Fabr. Ent. Syst.; Schr.*
Dasypogon, p., *Fabr. Syst. Antl.*
Gonypes, *Latr.; Macq.*

Europe and Asia Minor.

A. Alæ limpidæ.
  A. Antennæ nigræ.
    a. Abdomen flavo non maculatum.
      a. Femora tibiæque apicem versus fusca. hispanicus, *Meig.*
      b. Femora postica ante apicem nigro-cingulata. nigricornis, *Loew.*
    b. Abdomen flavo maculatum. - - variegatus, *Loew.*
  B. Antennarum articulus 2us rufo aut flavo-ferrugineus.
    a. Femora non nigro lineata.
      a. Antennarum arista pubescens. - guttiventris, *Zett.*
      b. Antennarum arista nudiuscula.
        i. Antennarum articulus 3us non pubescens. gracilis, *Loew.*

ii. Antennarum articulus 3us subtus distincte pubescens. pubicornis, *Loew.*

B. Femora postica nigro lineata.

a. Areola submarginalis 2a longa, breviter petiolata. cylindricus, *Deg.*

b. Areola submarginalis 2a brevis, longissime petiolata. pedunculatus, *Loew.*

C. Antennarum articuli 1us et 2us flavi.

A. Abdomen flavo non maculatum. - - palparis, *Loew.*

B. Abdomen flavo maculatum. - - - subtilis, *Loew.*

B. Alæ semifuscæ. - - - - - Pallasii, *Wied.*

1. LEPTOGASTER PALPARIS.

Palpi et antennarum articuli 1us et 2us flavi.

Leptogaster palparis, *Loew*, *Linn. Ent.* ii. 396, 1.

Stanchio.

2. LEPTOGASTER HISPANICUS.

Antennæ nigræ; femora tibiæque pallide flava, apicem versus fuscescentia.

Leptogaster hispanicus, *Meig. Zweifl.* vii. 76, 4. *Loew*, *Linn. Ent.* ii. 397, 2.

Spain.

3. LEPTOGASTER GUTTIVENTRIS.

Fœm. *Cinerascens; thoracis dorsum vittis 3 obscure fuscis; abdomen supra fuscescens, incisuris glaucis; pedes flavi, tibiis intus, femorum posticorum annulo apicali, tarsorumque omnium articulis 4 ultimis, nigro-fuscis; alæ hyalinæ abdomine paullo breviores.*

Leptogaster guttiventris, *Stæger*, *MSS.* *Zett. Dipt. Scand.* i. 187, 2. *Loew*, *Linn. Ent.* iii. 397, 3.

Leptogaster cylindricus? *Meig. Dipt.* ii. 243, 1, pl. 21, f. 16.

Leptogaster pallipes, *var.*, *Ros. Conop. Wurt. Landw. Ver.* 1840, 1, 1.

North Europe.

4. LEPTOGASTER GRACILIS.

Gracillimus; antennarum articulus 2us flavo-ferrugineus, arista nudiuscula; femora postica ante apicem valde incrassata, latissime nigro annulata.

Leptogaster gracilis, *Loew*, *Linn. Ent.* ii. 399, 4.

Makri, Asia Minor.

5. LEPTOGASTER SUBTILIS.

Fœm. *Gracillimus; proboscis flava; antennæ pallide flavæ, apice fuscæ; abdomen flavo maculatum.*

Leptogaster subtilis, *Loew*, *Linn. Ent.* ii. 401, 5.

South Italy.

6. LEPTOGASTER VARIEGATUS.

Proboscis et antennæ nigræ; abdomen nigrum, flavo maculatum.

Leptogaster variegatus, *Loew*, *Linn. Ent.* ii. 402, 6.
Leptogaster nitidus, *Macq. Dipt. Nord. Asil.* 12, 3; *Meig. Zweifl.* vii. 77, 5.
Gonypes nitidus, *Macq. Hist. Nat. Dipt.* i. 316, 4.

France.

7. LEPTOGASTER CYLINDRICUS.

Antennarum articulus 2us flavo-ferrugineus; femora postica longitudinaliter nigro lineata; areola submarginalis 2a longa, breviter pedunculata.

Leptogaster cylindricus, *Meig. Zweifl.* ii. 343, 1.
Asilus cylindricus, *Deg.*
Gonypes cylindricus, *Macq. Expl. Sci. Alg.* iii. *Ins.* 443, 80, 439, 69.

North and Middle Europe. Eastern Siberia. North Africa.

a.—e. England. From Mr. Stephens' collection.

Var.? *Cinerascens; antennæ nigræ, articulus 2o rufo-ferrugineus; thoracis dorsum nigrum; pedes flavo-ferruginei, longitudinaliter nigro lineati; alæ hyalinæ, abdomine dimidio breviores.*

Leptogaster dorsalis, *Dahlb. Act. Holm.* 1850, 159. *Zett. Dipt. Scand.* xi. 4263.

Sweden.

8. LEPTOGASTER PEDUNCULATUS.

Antennarum articulus 2us apice, 3us basi rufo-ferruginei; femora postica longitudinaliter nigro lineata; areola submarginalis 2a brevis, longissime pedunculata.

Leptogaster pedunculatus, *Loew*, *Linn. Ent.* ii. 405, 8.

Sicily.

9. LEPTOGASTER NIGRICORNIS.

Robustus; antennæ nigræ; femora postica ante apicem nigro cingulata.

Leptogaster nigricornis, *Loew, Linn. Ent.* ii. 407, 9.

Sicily.

10. LEPTOGASTER PUBICORNIS.

Fœm. *Robustior; antennarum articulus 3us basi 2usque rufo-ferruginei, 3us subtus distincte pubescens; femora postica latissime nigro-cingulata.*

Leptogaster pubicornis, *Loew, Linn. Ent.* ii. 408, 10.

Hungary.

11. LEPTOGASTER PALLASII.

Fœm. *Niger; alæ semifuscæ; pedes pallide flavi, femorum fasciis, tibiis apice tarsisque fuscis.*

Leptogaster Pallasii, *Wied. Zool. Mag.* i. 2, 37. *Meig. Zweifl.* ii. 345, 3. *Loew, Linn. Ent.* ii. 409, 11.

South Russia.

North America.

12. LEPTOGASTER HISTRIO.

Rubido-fuscus; thorax vittis tribus nigellis; abdomen fuscum, albido fasciatum; pedes flavi, postici fusco fasciati; alæ limpidæ.

Leptogaster annulatus, *Say, Journ. Acad. Philad.* iii. 75, 1.
Leptogaster Histrio, *Wied. Auss. Zweifl.* i. 535, 5.

Pennsylvania.

13. LEPTOGASTER NITIDUS. (Nomen bis lectum.)

Fœm. *Testaceus, nitidus; abdomen fuscum; pedes rufi, femoribus posticis basi flavis medio fusco-cinctis, tibiis posticis apice fuscis; alæ flavescentes, apice subcinereæ.*

Gonypes nitidus, *Macq. Dipt. Exot.* i. 2, 155, 1, pl. 12, f. 7.

Carolina.

South America.

A. Abdomen supra totum nigrum aut piceum.
  A. Thorax piceus. - - - - - - niger, *Wied.*
  B. Thorax testaceus, nigro vittatus. - - Audouinii, *Macq.*
  C. Thorax nigricans, lateribus testaceo lineatis. fuscipennis, *Blanch*
B. Abdomen nigro-fuscum, basi luteum. - basalis, *Walk.*
C. Abdomen incisuris aut fasciis pallidus.
  A. Alæ flavidæ, apice fuscanæ. - - - rubidus, *Wied.*
  B. Alæ subhyalinæ aut limpidæ.
    a. Pedes non fasciati. - - - - bicolor, *Macq.*
    b. Pedes fasciati.
      a. Femora unifasciata. - - - ferrugineus, *Walk.*
      b. Femora et tibiæ bifasciata.
        i. Thorax maculatus. - - gracillimus, *Walk.*
        ii. Thorax non maculatus. - - multicinctus, *Walk.*
      c. Femora et tibiæ trifasciata. - - annulipes, *Walk.*

14. Leptogaster niger.

Picea; facies alba; metatarsi flavi; femora postica fusco-flava, basi albido-flava, apice nigro-fusca; alæ subflavescentes.

Leptogaster niger, *Wied. Auss. Zweifl.* i. 533, 1.

a. Parà. From Mr. Bates' collection.
b. Santarem. From Mr. Bates' collection.
c. Tupayos. From Mr. Bates' collection.

15. Leptogaster Audouinii.

Mas. *Testaceus, nitidus; thorax nigro vittatus; abdomen et pedes nigra; pedes postici elongati, tibiis basi metatarsisque albidis; alæ subflavescentes, apice subcinereæ.*

Gonypes Audouinii, *Macq. Dipt. Exot.* i. 2, 125, 2.

a. South America. From Mr. Saunders' collection.

16. Leptogaster basalis.

Pallide luteus; abdomen nigro-fuscum, basi luteum; pedes postici fusci, femorum fascia ante apicali basique luteis; alæ fusco-violaceæ, apice hyalinæ.

Male. Pale luteous. Abdomen blackish brown, very long and slender: first segment luteous, brown above towards the tip; hind

borders of the second and third segments luteous on each side. Legs long and slender; hind legs brown, their femora luteous towards the base, and with a luteous band near the tips. Wings violet-brown, nearly limpid towards the tips, which are gray; some nearly hyaline streaks towards the hind border. Length of the body 6 lines; of the wings 10 lines.

a. Ega, on the Amazon. From Mr. Bates' collection.

17. LEPTOGASTER FUSCIPENNIS.

Nigricans; facies albido sericea; thoracis latera testaceo lineata; pedes fusco-nigri; alæ totæ nigricantes.

Gonypes fuscipennis, *Blanch. Gay, Hist. de Chile, Zool.* vii. 371, 1. *Atlas*, pl. 3, f. 6.

Santiago.

18. LEPTOGASTER RUBIDUS.

Rubidus; abdomen incisuris luteis; pedes flavescentes, femoribus anterioribus apice posticisque totis fuscis; alæ flavidæ, apice fuscanæ.

Leptogaster rubidus, *Wied. Dipt. Exot.* i. 242. *Auss. Zweifl.* i. 533, 2.

South America.

19. LEPTOGASTER BICOLOR.

Fœm. *Thorax testaceus nitidus; abdomen fuscum, incisuris flavidis; pedes fulvi; alæ subhyalinæ.*

Gonypes bicolor, *Macq. Dipt. Exot. Suppl.* 3, 31, 3.

Rio Negro.

20. LEPTOGASTER FERRUGINEUS.

Mas. *Ferrugineus; pectus thoracisque latera cana; abdomen supra nigricans; femora postica fascia subapicali fulva; alæ subcinereæ, venis nigris; halteres albi, apice fusci.*

Male. Ferruginous. Proboscis and antennæ tawny. Pectus and sides of the thorax hoary. Abdomen blackish above. Legs moderately stout; hind femora with a tawny subapical band. Wings very slightly grayish; veins black. Halteres white, with brown knobs. Length of the body 7 lines; of the wings 10 lines.

a. Parà. From Mr. Bates' collection.

21. LEPTOGASTER GRACILLIMUS.

Mas. *Niger; antennæ, proboscis et thoracis maculæ fulvescentia; pectus testaceum, vittis duabus obliquis nigris; abdomen gracillimum segmentis basi fulvis; pedes anteriores testacei, femoribus nigro vittatis, tibiis fusco vittatis; postici nigri, femoribus tibiisque fulvo vittatis, metatarsis testaceis.*

Male. Black, shining. Proboscis and antennæ tawny, the latter brownish towards the tips. Thorax with tawny spots. Pectus testaceous, with a black oblique stripe on each side. Abdomen very slender, more than six times the length of the thorax; segments tawny at the base. Anterior legs tawny; each femur and tibia with a black band; knees black; tarsi with very long spines. Hind legs black; femora and tibiæ with tawny subapical bands; femora and tarsi tawny towards the base. Wings limpid; veins black. Halteres whitish, with black knobs. Length of the body 4½ lines; of the wings 5 lines.

a. Parà. From Mr. Bates' collection.

22. LEPTOGASTER MULTICINCTUS.

Leptogaster multicinctus, *Diptera Saundersiana*, Pt. 2, 155.

South America.

23. LEPTOGASTER ANNULIPES.

Mas. *Piceus; pectus fulvum, albido tomentosum; abdomen nigrum, segmentorum marginibus posticis testaceis; pedes fulvi, femoribus tibiis tarsisque basi albidis, femoribus tibiisque fusco trifasciatis, tarsis posticis genubusque fuscis; alæ limpidæ.*

Male. Piceous. Head, proboscis and antennæ black. Pectus tawny, with whitish tomentum. Abdomen black; hind border of the segments testaceous. Legs tawny, rather stout; knees brown; femora, tibiæ and tarsi whitish towards the base; femora and tibiæ with three brown bands; hind tarsi mostly brown. Wings limpid; veins black. Halteres testaceous, with brown knobs. Length of the body 4 lines; of the wings 6 lines.

a. Parà. From Mr. Bates' collection.

Africa.

A. Alæ subflavescentes. - - - - - nitidus, *Wied.*
B. Alæ subhyalinæ, stigmate nigro-fusco. - stigmaticalis, *Loew.*
C. Alæ subhyalinæ. - - - - - - albitarsis, *Macq.*
D. Alæ flavo-fuscæ, basi obscuriores. - - Proculus, *Walk.*
E. Alæ fuscæ, ad costam ferrugineæ. - - Datis, *Walk.*

24. LEPTOGASTER NITIDUS.

Glaucescens; thorax nigro vittatus; abdomen nigro fasciatum; pedes flavi, postici nigro-cincti; alæ subflavescentes.

Leptogaster nitidus, *Wied. Auss. Zweifl.* i. 536.

Nubia.

25. LEPTOGASTER STIGMATICALIS.

Facies, mystax, pleuræ, et scutellum albida; thorax lævis, nitidus, obscure badius; alæ subhyalinæ, basi flavescentes, stigmate distinctissimo nigro-fusco.

Leptogaster stigmaticalis, *Loew, Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 658, 5.

Mozambique.

26. LEPTOGASTER ALBITARSIS.

Mas. *Ater; facies mystaxque flava; pedes fulvi, tibiis posticis apice nigris, metatarso antico albo; alæ subhyalinæ.*

Leptogaster cylindricus, *var.?*
Gonypes albitarsis, *Macq. Dipt. Exot. Suppl.* 1, 96, 3.

Caffraria.

27. LEPTOGASTER PROCULUS.

Leptogaster Proculus, *Cat. of Diptera*, Pt. 2, 482.

Sierra Leone.

28. LEPTOGASTER DATIS.

Leptogaster Datis, *Cat. of Diptera*, Pt. 2, 483.

Sierra Leone.

Asia.

29. LEPTOGASTER MARION.

Leptogaster Marion, *Cat. of Diptera*, Pt. 2, 484.

North Bengal.

Australia.

30. LEPTOGASTER PEDANIUS.

Leptogaster Pedanius, *Cat. of Diptera*, Pt. 2, 484.

New Holland.

Country unknown.

A. Thorax nigro vittatus. - - - - vittatus, *Wied.*
B. Thorax non vittatus. - - - - - glabratus, *Wied.*

31. LEPTOGASTER VITTATUS.

Rubidus; thorax nigro vittatus; abdomen fuscum, fasciis albidis; pedes flavi; femora puncto apicali fusco.

Leptogaster vittatus, *Wied. Auss. Zweifl.* i. 534, 3.

32. LEPTOGASTER GLABRATUS.

Hyacinthino-glaber; antennæ flavæ; abdomen fuscum, flavido fasciatum; pedes mellei; femora puncto apicali fusco; alæ limpidæ.

Leptogaster glabratus, *Wied. Auss. Zweifl.* i. 534, 4.

ADDENDA.

ERAX CHILENSIS.

Nigricans, cinereo sericeus; thorax nigro vittatus; abdomen nigrum segmentis tribus ultimis albido cinereis; pedes nigri, tibiis flavo-rufis; alæ dilatatæ; venæ cubitalis furca antica ramulum rejiciens.

Erax chilensis, *Macq. Dipt. Exot. Suppl.* 4. *Mém. de Lille* (1849), 387. *Blanch. Gay, Hist. de Chile, Zool.* vii, 369, 2.

Chili. Bolivia.

Fam. STRATIOMIDÆ.

Genus LASIOPA.

Caput haud productum. Proboscis basi fracta, fere omnino exserta, postice inflexa. Antennæ porrectæ, triarticulatæ; articulus 1us cylindricus, subelongatus; 2us subconicus, 1o paullo brevior; 3us, 4us, 5us et 6us breves, approximati, 1o et 2o conjunctim fere æquales; arista crassa, pilosa, articuli 3i longitudine, annulis duobus, 1o brevi subrotundo. Scutellum muticum. Alarum venæ ut in *Nemotelis*. *Mas.* — Oculi subapproximati. *Fœm.* — Oculi valde remoti. Arista latior.

Lasiopa, *Brullé, Exped. Scient. Morée, 3me Sér. Zool.* 307.

1. LASIOPA PELETERIA.

Atra; abdomen subviolascens. Mas.—*Nigro hirta; thorax haud vittatus; abdominis segmenta vix rufo villosa.* Fœm.—*Rufo hirta; thorax vittis quatuor rufis; abdominis segmenta postica rufo hirta.*

Lasiopa Peleteria, *Brullé, Exped. Sci. Morée, 3me Sér. Zool.* 307. *Atlas*, pl. 47, f. 6.

Forest of Koubeh, Morea.

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